**Live Project - Agile Document**

**Document 1: Definition of Done**

Definition of Done (DoD) Checklist for BitCode LMS Project

**Produced Code for Presumed Functionalities:**

* The code developed fulfills the functionalities outlined in the user stories.
* All intended features and scenarios are implemented as described.

**Assumptions of User Story Met:**

* All assumptions and conditions specified in the user stories are validated and met.
* User stories are reviewed to ensure that all implicit and explicit assumptions are addressed.

**Project Builds Without Errors:**

* The project builds successfully in the development environment.
* There are no compilation or build errors.

**Unit Tests Written and Passing:**

* Unit tests are created for all new features and functionalities.
* All unit tests pass successfully, ensuring the code behaves as expected.

**Project Deployed on the Test Environment Identical to Production Platform:**

* The application is deployed to a test environment that mirrors the production setup.
* Deployment scripts and procedures are tested and validated.

**Tests on Devices/Browsers Listed in the Project Assumptions Passed:**

* The application is tested on all specified devices and browsers.
* Compatibility and performance tests are conducted to ensure cross-platform functionality.

**Feature Ok-ed by UX designer:**

* The feature is reviewed and approved by the UX designer.
* Design and usability criteria are met, ensuring a positive user experience.

**QA Performed & Issues Resolved:**

* Quality Assurance (QA) testing is completed, including functional, regression, and performance tests.
* All identified issues and bugs are resolved before marking the user story as done.

**Feature is tested against acceptance criteria:**

* The feature is tested thoroughly against the predefined acceptance criteria.
* Acceptance tests are documented and results are reviewed with the Product Owner.

**Feature Ok-ed by Product Owner:**

* The Product Owner reviews and approves the feature.
* Any feedback or changes requested by the Product Owner are addressed.

**Refactoring Completed:**

* Code is refactored to improve readability, maintainability, and performance.
* Refactoring does not introduce new bugs or regressions.

**Any Configuration or Build Changes Documented:**

* All configuration changes and build processes are documented.
* Documentation is updated to reflect the current state of the project.

**Documentation updated:**

* User manuals, technical documentation, and help guides are updated to include new features and changes.
* Documentation is reviewed for accuracy and completeness.

**Peer Code Review performed:**

* Code changes are peer-reviewed by other developers.
* Feedback from code reviews is incorporated, and any issues are addressed.

**Document 2: Product Vision**

| **Scrum Project Name:** | BitCode LMS |  |  |
| --- | --- | --- | --- |
| **Venue:** | Meeting Room -12 |  |  |
| **Date:** | **Start Time:**09:00 am | **End Time:** 11:30 am | **Duration:** 02:30 Hrs |
| **Client:** | BitCode |  |  |
| **Stakeholder list:** | Student  Mentors  Institute  Administration  IT Department |  |  |
| **Scrum Team** | | | |
| **Scrum Master:** | Priya Kapoor |  |  |
| **Product Owner:** | Sneha Bhanji |  |  |
| **Scrum Developer 1:** | Anil Mehta |  |  |
| **Scrum Developer 2:** | Neha Singh |  |  |
| **Scrum Developer 3:** | Rajesh Patel |  |  |
| **Scrum Developer 4:** | Sneha Nair |  |  |
| **Scrum Developer 5:** | Amit Khanna |  |  |

| **Vision:** What is your vision, your overarching goal for creating the product?  The overarching goal creating the BitCode LMS platform is to bridge the gap between students and the institute by facilitating smoother communication, providing timely updates about students progress, and offering insights into everything happening on campus. | | | |
| --- | --- | --- | --- |
| **Target group**  Market Segment  The product addresses the educational sector, specifically targeting institutes looking to enhance student-mentor communication.  **Target Users & Customers**  - Student  - Mentors and administrative staff  - Institute management | **Needs**  Problem  The current communication channels between students and institutes are fragmented and inefficient, leading to misunderstandings and delays in important updates.  **Benefit**  BitCode platform will streamline communication, ensuring students receive timely updates and information about students progress and institute activities, thereby fostering a better student-institute relationship. | **Product**  What product is it?  BitCode is an integrated communication platform that provides dashboards, course updates, timetables, exam schedules, results, fee details, mail to mentor and staff, announcements, and information on upcoming events.  **Is it possible to develop the product?**  Yes, it is feasible to develop the product given the current technology and resources available. | **Value**  How is the product going to benefit the company?  Improved student satisfaction and engagement. Enhanced institute reputation and credibility.  Streamlined communication processes, reducing administrative burden.  **What are the business goals?**  Increase student engagement and satisfaction by 30% within the first year.  Achieve a 50% reduction in communication-related queries directed to the administration.  Provide a scalable solution that can be adapted for use in other institutes.  **What is the business model?**  The platform could be offered as a subscription-based service to institutes, with additional customization and support services available. |

**Document 3: User stories**

| **User story No:** 01 | **Tasks:** View academic progress | **Priority:** High |
| --- | --- | --- |
| **Value Statement:**  As a Student,  I want to view academic progress  So that I can stay informed about performance. | | |
| **BV:** 09 | **CP:** 07 | |
| **Acceptance criteria:**  - Students can view pass percentage.  - Students can see attendance records.  - Students receive notifications for any significant academic updates. | | |

| **User story No:** 02 | **Tasks:** Communicate with mentors | **Priority:** Medium |
| --- | --- | --- |
| **Value Statement:**  As a Student,  I want to communicate with my mentor’s  So that I can discuss academic and behavioural progress | | |
| **BV:** 08 | **CP:** 06 | |
| **Acceptance criteria:**  **-** Students can send messages to mentors.  - Mentors can reply to messages from students.  - Notifications are sent for new messages. | | |

| **User story No:** 03 | **Tasks:** Access institute announcements | **Priority:** High |
| --- | --- | --- |
| **Value Statement:**  As a Student,  I want to access institute announcements  So that I can stay updated about events and important notices. | | |
| **BV:** 08 | **CP:** 05 | |
| **Acceptance criteria:**  - Students receive notifications for new announcements.  - Announcements are categorized by type (events, notices, etc.). | | |

| **User story No:** 04 | **Tasks:** Update personal information | **Priority:** Medium |
| --- | --- | --- |
| **Value Statement:**  As a Student,  I want to update my personal information  So that the institute has my current contact details. | | |
| **BV:** 07 | **CP:** 04 | |
| **Acceptance criteria:**  - Students can update their phone number, email, and address.  - Changes are reflected in the system immediately.  - Students receive confirmation upon successful update. | | |

| **User story No:** 05 | **Tasks:** View weekly calendar | **Priority:** Medium |
| --- | --- | --- |
| **Value Statement:**  As a student,  I want to view institute calendar  So that I can keep track of important dates and events. | | |
| **BV:** 07 | **CP:** 05 | |
| **Acceptance criteria:**  - Students can view the weekly calendar.  - Calendar events are categorized by type (holidays, exams, etc.). | | |

| **User story No:** 06 | **Tasks:** Register for institute events | **Priority:** Medium |
| --- | --- | --- |
| **Value Statement:**  As a student,  I want to register for institute events,  So that I can participate in sessions. | | |
| **BV:** 06 | **CP:** 05 | |
| **Acceptance criteria:**  **-** Students can view upcoming events.  - Students can register for events through the platform.  - Students receive confirmation upon successful registration. | | |

| **User story No:** 07 | **Tasks:** Update student percentage | **Priority:** High |
| --- | --- | --- |
| **Value Statement:**  As a Mentor,  I want to update student percentage  So that students can stay informed about their academic performance. | | |
| **BV:** 09 | **CP:** 07 | |
| **Acceptance criteria:**  - Mentors can enter and upgrade their percentage.  - Percentages are visible to students immediately.  - Mentors can add comments if needed. | | |

| **User story No:** 08 | **Tasks:** Communication with students | **Priority:** Medium |
| --- | --- | --- |
| **Value Statement:**  As a mentor,  I want to communicate with students  So that I can discuss student progress and address any concerns. | | |
| **BV:** 08 | **CP:** 06 | |
| **Acceptance criteria:**  - Mentors can send and receive messages to students.  - Mentors receive notifications for new messages.  - Communication history is stored and accessible. | | |

| **User story No:** 09 | **Tasks:** Post course announcements | **Priority:** Medium |
| --- | --- | --- |
| **Value Statement:**  As a mentor,  I want to post course announcements  So that students are informed about important course updates. | | |
| **BV:** 07 | **CP:** 05 | |
| **Acceptance criteria:**  - Mentors can create and post announcements.  - Announcements are visible to all students.  - Mentors can categorize announcements by type. | | |

| **User story No:** 10 | **Tasks:** Manage attendance records | **Priority:** High |
| --- | --- | --- |
| **Value Statement:**  As a mentor,  I want to manage attendance records  So that the institute has accurate information about student attendance. | | |
| **BV:** 08 | **CP:** 06 | |
| **Acceptance criteria:**  - Mentors can mark attendance daily.  - Attendance records are accessible to students.  - Mentors can add comments on attendance records. | | |

| **User story No:** 11 | **Tasks:** Set up user roles and permissions | **Priority:** High |
| --- | --- | --- |
| **Value Statement:**  As an admin,  I want to create and manage user roles and permissions  So that I can ensure proper access control within the system | | |
| **BV:** 08 | **CP:** 05 | |
| **Acceptance criteria:**  - Admin can create, update, and delete roles.  - Admin can assign permissions to each role.  - Users see only the functionalities they have permissions for. | | |

| **User story No:** 12 | **Tasks:** Manage institute calendar | **Priority:** Medium |
| --- | --- | --- |
| **Value Statement:**  As an admin,  I want to manage the institute calendar  So that all important dates and events are accurately recorded and communicated. | | |
| **BV:** 07 | **CP:** 05 | |
| **Acceptance criteria:**  - Admin can add, update, and delete calendar dates.  - Calender updates are visible to all users.  - Admin can categorize events by type. | | |

| **User story No:** 13 | **Tasks:** Approve new user registrations | **Priority:** High |
| --- | --- | --- |
| **Value Statement:**  As an admin,  I wan to approve new user registrations  So that only authorized individuals can access the system | | |
| **BV:** 09 | **CP:** 06 | |
| **Acceptance criteria:**  - Admin can view and approve/reject new user registrations.  - Users receive notifications upon approval or rejections.  - Approved users gain access to the system immediately. | | |

| **User story No:** 14 | **Tasks:** Post side-wide announcements | **Priority:** High |
| --- | --- | --- |
| **Value Statement:**  As an admin,  I want to post side-wide announcements  So that all users are informed about important updates and events | | |
| **BV:** 08 | **CP:** 05 | |
| **Acceptance criteria:**  - Admin can create and post announcements.  - Announcements are visible to all users.  -Admin can categorize announcements by type. | | |

| **User story No:** 15 | **Tasks:** Generate reports | **Priority:** Medium |
| --- | --- | --- |
| **Value Statement:**  As an admin,  I want to generate reports  So that I can analyse data and make informed decisions | | |
| **BV:** 07 | **CP:** 06 | |
| **Acceptance criteria:**  - Admin can generate reports on user activity, academic performance, attendance, etc.  - Reports can be exported in various formats (PDF, Excel,etc.).  - Admin can schedule automated report generation. | | |

**Document 4: Agile PO Experience**

As the Product Owner (PO) for the BitCode LMS project I hold a strategic role, ensuring that the platform meets the needs of students, mentors and admin by facilitating smooth communication and keeping student’s updated about their progress and institute activities. Below is a detailed breakdown of the PO’s responsibilities and key activities:

**1. Market Analysis**

**Analysis of Market Need/Demand:**

* Identified the need for a platform that bridges the communication gap between students and institute.
* Understood the demand for features that allow students to stay informed about their academic progress and institute events.

**Availability of Similar Products:**

* Researched existing products in the market.
* Analyzed their strengths and weaknesses to identify opportunities for differentiation and improvement in BitCode LMS.

**2. Enterprise Analysis**

**Due Diligence on Market Opportunity:**

* Conducted thorough research to validate the market opportunity.
* Assessed the potential user base and their specific needs.

**3. Product Vision and Roadmap**

**Product Vision:**

* Developed a clear vision for BitCode LMS that addresses the identified needs and market demand.

**Product Roadmap:**

* Created a roadmap outlining high-level features and a timeline for their delivery.
* Ensured the roadmap aligns with stakeholder expectations and business goals.

**4. Managing Product Features:**

**Managing Stakeholder Expectations:**

* Engage with stakeholders to understand their needs and priorities.
* Communicated regularly to manage expectations and keep stakeholders informed.

**Prioritization of Epics, Stories, and Features:**

* Prioritized features based on their importance and value.

**5. Managing Product Backlog**

**Prioritization of User Stories:**

* Ranked user stories based on their importance and value.

**Reprioritization Based on Stakeholder Needs:**

* Continuously adjusted priorities based on changing stakeholder needs and feedback.

**Epics Planning:**

* Planned and managed larger epics that encompass multiple user stories.

**6. Managing Overall Iteration Progress**

**Sprint Progress Review:**

* Regularly reviewed the progress of each sprint to ensure alignment with goals.

**Reprioritization of Sprints and Epics:**

* Adjusted priorities and plans as needed based on sprint progress and feedback.

**Sprint Retrospectives with Business Analyst:**

* Conducted retrospectives to identify improvement areas and implement changes.

**Sprint Meetings Facilitation**

1. **Sprint Planning Meeting:**

Planned the work to be completed in the upcoming sprint.

1. **Daily Scrum Meeting:**

Conducted daily stand-up to track progress and address any blockers.

1. **Sprint Review Meeting:**

Reviewed the completed work with stakeholders at the end of each sprint.

1. **Sprint Retrospective Meeting:**

Reflected on the sprint to identify successes and areas for improvement.

1. **Backlog Refinement Meeting:**

Continuously refined and prioritized the backlog.

**User Stories Creation**

User Stories Development

* Created detailed user stories with clear acceptance criteria, tasks, priority, business value(BV), and complexity points(CP).
* Ensured user stories were aligned with the overall product vision and goals.

**Scrum Liaison Role**

1. **Communication with Business Stakeholders:**

* Served as the primary point of contact between business stakeholders and the Scrum team.
* Ensured stakeholders were informed about project development and progress.

1. **Collaboration with Scrum Teams:**

* Worked closely with Scrum teams to translate the product vision into actionable features.
* Defined product features and broke them down into manageable product backlog items.

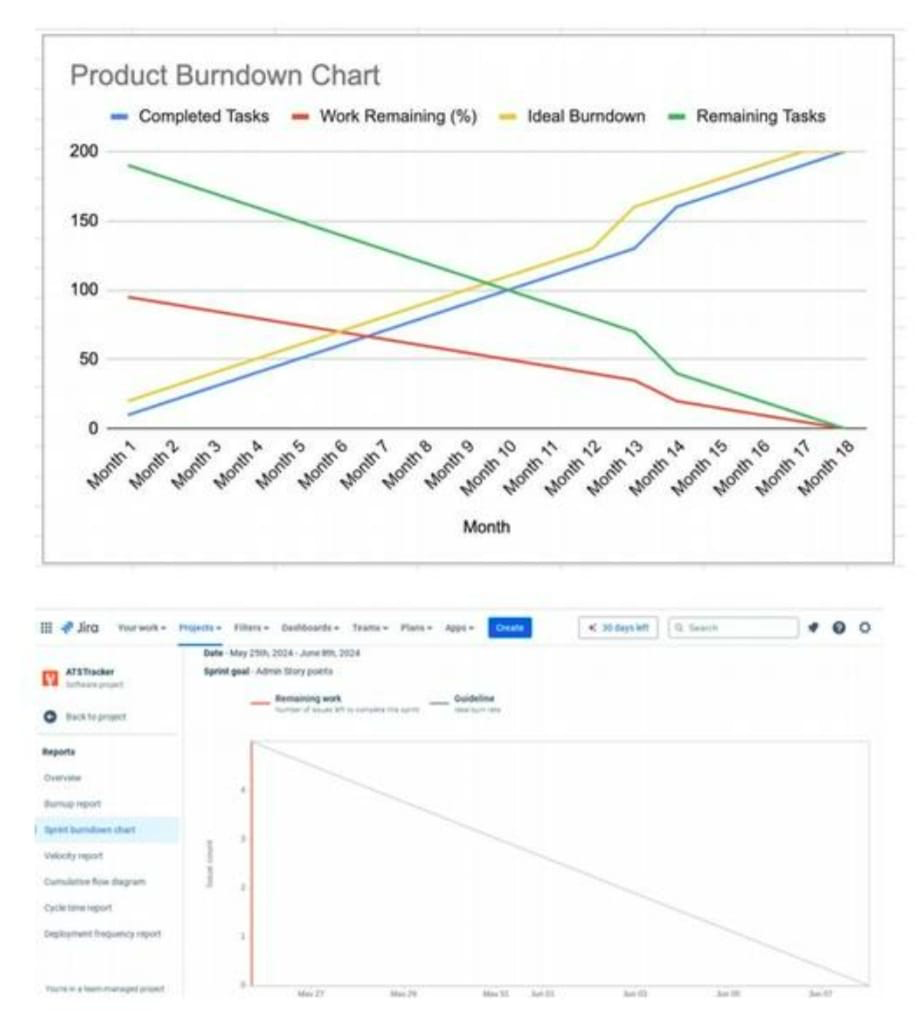
**Document 5: Product and sprint backlog and product and sprint burndown charts**

**Product backlog:**

| **User Story ID** | **User Story** | **Tasks** | **Priority** | **BV** | **CP** | **Sprint** |
| --- | --- | --- | --- | --- | --- | --- |
| US001 | As a student, I want to have access to a comprehensive dashboard so that I can view all relevant information about my academic progress in one place. | Design UI, Develop backend logic, Integrate with student database, Test functionality | High | 8 | 5 | 1 |
| US002 | As a student, I want to view the syllabus for all courses so that I can keep track of what I am learning. | Create modules for uploading syllabus, Develop UI for viewing, Implement notifications. | Medium | 7 | 3 | 1 |
| US003 | As a student, I want to access timetables so that I can ensure I am prepared for classes. | Develop timetable module, Integrate with calendar, Allow changes and updates | High | 9 | 4 | 1 |
| US004 | As a student, I want to view my examination schedule and results so that I can monitor performance and prepare | Develop exam schedule module, Implement exam reminders, View past results | High | 10 | 5 | 2 |
| US005 | As a student, I want track and pay course fees online so that I can manage payments conveniently and avoid delays | Implement fee payment tracking, Develop secure payment gateway, View payment history | Medium | 8 | 4 | 2 |
| US006 | As a student, I want to communicate with mentors and staff easily so that I can stay informed about my progress and address any concerns promptly. | Develop messaging module, Create UI for messaging, Implement notifications | High | 9 | 5 | 2 |
| US007 | As a student, I want to receive important announcements and updates from the institute so that I can stay informed about institute events and news. | Develop announcement module, Implement event feature, Allow subscription to announcements | Medium | 8 | 3 | 3 |
| US008 | As a mentor, I want to upload and manage the syllabus and study materials so that students can access them easily. | Create syllabus upload feature, Manage syllabus version control, Provide access permissions | High | 7 | 4 | 1 |
| US009 | As a mentor, I want to record and update student attendance so that I can keep accurate records and inform students of any issues. | Develop attendance tracking module, Integrate with student profiles, Generate attendance reports | Medium | 6 | 4 | 2 |
| US010 | As a mentor, I want to enter and manage percentage and feedback for students so that students can track their academic progress | Create percentage module, Provide feedback options, Generate percentage reports | High | 8 | 5 | 2 |
| US011 | As a mentor, I want to schedule student-mentor meetings so that I can discuss students progress and address any concerns | Develop meeting scheduling feature, integrate with calendar, Send notifications to students | Medium | 7 | 3 | 3 |
| US012 | As an admin, I want to create and manage user roles and permissions so that I can ensure proper access control within the system | Set up user roles and permissions | High | 8 | 5 | 1 |
| US013 | As an admin, I want to configure system settings so that I can customize the application to meet organizational requirements | Manage system settings | High | 7 | 4 | 1 |
| US014 | As an admin, I want to monitor system usage so that I can generate reports on user activities and system performance | Monitor system usage and generate reports | Medium | 6 | 3 | 2 |
| US015 | As an admin, I want to schedule and manage database backups so that I can ensure data integrity and recovery in case of failure | Manage database backups | High | 9 | 4 | 2 |
| US016 | As an admin, I want to configure integrations with third-party services so that I can extend the functionality of the ATS | Configure integration with third-party services | Medium | 7 | 5 | 3 |

**Sprint Backlog:**

| **User Story ID** | **User Story** | **Tasks** | **Owner** | **Status** | **Estimated Effort (hours)** |
| --- | --- | --- | --- | --- | --- |
| US001-S1 | As a student, I want to have access to a comprehensive dashboard so that I can view all relevant information about my academic progress in one place. | Design UI, Develop backend logic, Integrate with student database, Test functionality | Student Team | In progress | 16 |
| US002-S1 | As a student, I want to view the syllabus for all courses so that I can keep track of what I am learning. | Create module for uploading syllabus, Develop UI for viewing, Implement notifications | Student Team | To Do | 12 |
| US003-S1 | As a student, I want to access timetables so that I can ensure I am prepared for classes. | Develop timetable module, Integrate with calendar, Allow changes and updates | Student Team | In progress | 14 |
| US004-S1 | As a student, I want to view my examination schedule and results so that I can monitor performance and prepare | Develop exam schedule module, Implement exam reminders, View past results | Student Team | To Do | 18 |
| US005-S1 | As a student, I want track and pay course fees online so that I can manage payments conveniently and avoid delays | Implement fee payment tracking, Develop secure payment gateway, View payment history | Student Team | To Do | 16 |
| US006-S1 | As a student, I want to communicate with mentors and staff easily so that I can stay informed about my progress and address any concerns promptly. | Develop messaging module, Create UI for messaging, Implement notifications | Student Team | To Do | 20 |
| US007-S1 | As a student, I want to receive important announcements and updates from the institute so that I can stay informed about institute events and news. | Develop announcement module, Implement event feature, Allow subscription to announcements | Student Team | To Do | 12 |
| US008-S1 | As a mentor, I want to upload and manage the syllabus and study materials so that students can access them easily. | Create syllabus upload feature, Manage syllabus version control, Provide | Mentor Team | In progress | 14 |
| US009-S1 | As a mentor, I want to record and update student attendance so that I can keep accurate records and inform students of any issues. | Develop attendance tracking module, Integrate with student profiles, Generate attendance reports | Mentor Team | To Do | 12 |
| US010-S1 | As a mentor, I want to enter and manage percentage and feedback for students so that students can track their academic progress | Create percentage module, Provide feedback options, Generate percentage reports | Mentor Team | To Do | 16 |
| US011-S1 | As a mentor, I want to schedule student-mentor meetings so that I can discuss students progress and address any concerns | Develop meeting scheduling feature, Integrate with calendar, Send notifications to students | Mentor Team | To Do | 10 |
| US012-S1 | As an admin, I want to create and manage user roles and permissions so that I can ensure proper access control within the system | Set up user roles and permissions | Admin Team | In progress | 16 |
| US013-S1 | As an admin, I want to configure system settings so that I can customize the application to meet organizational requirements | Manage system settings | Admin Team | To Do | 12 |
| US014-S1 | As an admin, I want to monitor system usage so that I can generate reports on user activities and system performance | Monitor system usage and generate reports | Admin Team | To Do | 10 |
| US015-S1 | As an admin, I want to schedule and manage database backups so that I can ensure data integrity and recovery in case of failure | Manage database backups | Admin Team | To Do | 14 |
| US016-S1 | As an admin, I want to configure integrations with third-party services so that I can extend the functionality of the ATS | Configure integration with third-party services | Admin Team | To Do | 18 |



**Document 6: Sprint meetings**

**Meeting Type 1: Sprint Planning meeting**

| **Date** | 23/05/2024 |
| --- | --- |
| **Time** | 09:30 AM |
| **Location** | B12 Bay, HQ |
| **Prepared By** | Sneha |
| **Attendees** | Business Analyst, Technical Team, Project Manager, Architect |

**Agenda Topics**

| **Topic** | **Presenter** | **Time allotted** |
| --- | --- | --- |
| Login Page | Sneha | 1:00 hr |
| Login Auth | Sneha | 1:00 hr |

**Other Information**

| **Observers** | Project manager, Solution Architect |
| --- | --- |
| **Resources** | Internet |
| **Special Notes** | NA |

**Meeting Type 2: Sprint review meeting**

| **Date** | 26/05/2024 |
| --- | --- |
| **Time** | 09:00 AM |
| **Location** | B12 Bay, HQ |
| **Prepared by** | Sneha |
| **Attendees** | Business Analyst, Technical Team, Project Manager, Architect |

| **Sprint status** | **Things to demo** | **Quick updates** | **What’s next** |
| --- | --- | --- | --- |
| **In progress** | **Login Auth** | **Auth 2.0 version released** | **Modification for Auth 2.0 page** |

**Meeting Type 3: Sprint retrospective meeting**

| **Date** | 26/05/2024 |
| --- | --- |
| **Time** | 09:00 AM |
| **Location** | B12 Bay, HQ |
| **Prepared by** | Sneha |
| **Attendees** | Business Analyst, Technical Team, Project Manager, Architect |

| **Agenda** | **What went well** | **What didn't go well** | **Questions** | **Reference** |
| --- | --- | --- | --- | --- |
| Login Page | All Stories | NA | NA | NA |
| Login Auth | NA | Auth 1.0 | Already discussed | Modifications required |

**Meeting Type 4: Daily Stand-up meeting**

**Question: What did you do yesterday?**

| **Name/Role** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** | **Sunday** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Developer 1** | Worked on implementing UI changes for the admin dashboard. | Tested the new communication functionality for mentors. | Attended backlog grooming meeting. | Fixed bugs reported by QA. | Reviewed pull requests. | Took a break | Worked on personal project. |
| **Developer 2** | Implemented role management system. | Conducted code review for feature X. | Discussed architecture changes with the team. | Updated documentation. | Collaborated with Designer on UI improvements. | Attended a training session | Spent time with family |
| **Developer 3** | Worked on backend API integration. | Fixed database connection issues. | Investigated performance bottlenecks. | Implemented unit tests. | Refactored legacy code. | Took a day off | Attended a tech meetup |
| **Developer 4** | Developed notification system for students. | Tested integration with third-party services. | Resolved issues with the messaging feature. | Improved database query performance | Optimized front-end performance. | Went hiking | Worked on an open-source project |
| **Developer 5** | Worked on generating student progress reports. | Collaborated with QA to define test cases. | Fixed UI issues in the student portal. | Updated security settings. | Enhanced the performance of the gradebook module. | Attended a workshop | Relaxed at home. |

**Question: What will you do today?**

| **Name/Role** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** | **Sunday** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Developer 1** | Continue working on UI enhancements | Implement pagination for student notifications | Collaborate with QA on testing new features. | Attend a sprint planning meeting. | Start work on mentor communication feature. | Relax and recharge. | Prepare for the upcoming week. |
| **Developer 2** | Address feedback from code review | Start working on student performance tracking. | Participate in a sprint review meeting. | Assist with production deployment | Attend a design critique session. | Attend a workshop. | Enjoy leisure time. |
| **Developer 3** | Fix API endpoint issues reported by frontend team | Update API documentation. | Review pull requests from teammates. | Conduct performance testing. | Attend a team sync-up meeting. | Work on a personal coding project. | Spend time outdoors. |
| **Developer 4** | Develop notification systems for upcoming events. | Integrate third-party services for analytics. | Resolve issues with messaging features. | Optimize database queries. | Enhance front-end performance for student portal | Go hiking | Work on an open-source project. |
| **Developer 5** | Generate student progress reports. | Collaborate with QA to define test cases. | Fix UI issues in the student communication module. | Update security settings. | Enhance percentagebook performance | Attend a workshop. | Relax at home. |

**Question: What (if any) is blocking your progress?**

| **Name/Role** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** | **Sunday** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Developer 1** | Waiting for assets from design team | None | None | None | None | None | None |
| **Developer 2** | None | None | None | Waiting for approval from PO | None | None | None |
| **Developer 3** | Database server is down for maintenance | None | None | None | None | None | None |
| **Developer 4** | Integration issues with third-party service | None | None | None | None | None | None |
| **Developer 5** | Delayed response from QA on test cases | None | None | None | None | None | None |