# User Stories

**User Story 1: Write User Stories for Remaining Sprints** [Estimated Points: 3]

As a developer, I want to write clear user stories for the upcoming sprints, so that the development team understands the user requirements and can plan their work effectively.

Given the product backlog is open and accessible,  
When new project requirements or changes are identified,  
Then update the backlog promptly to reflect the latest project priorities and requirements.

**User Story 2: Maintain Scrum Meetings and Documentation** [Estimated Points: 8]

As a Scrum Master, I want to conduct regular Scrum meetings and document them, so that the team is aligned, and progress and challenges are transparent and well-managed.

Given a sprint is in progress,  
When conducting daily Scrum meetings,  
Then ensure every team member shares their progress, plans, and challenges openly with the team.

Given the end of a sprint,  
When conducting sprint review and retrospective meetings,  
Then ensure all team members participate, provide feedback, and agree on action items for improvement.

Given any changes in project scope or priorities,  
When conducting meetings to address these changes,  
Then ensure relevant team members are informed, discussions are held, and documentation is updated accordingly.

**User Story 3: Update Product Backlog** [Estimated Points: 2]

As a developer, I want to regularly update the product backlog, so that it accurately reflects the current project requirements and priorities.  
  
Given new project requirements or changes,  
When updating the product backlog,  
Then ensure the backlog accurately represents the current project priorities and requirements.

**User Story 4: Prioritize Backlog Based on Client/Product Owner Meetings** [Estimated Points: 1]

As a product owner, I want to prioritize the backlog based on client or product owner feedback, so that we can focus on delivering high-value features that align with client expectations.

Given our team received feedback from the Product Owner,  
When reviewing the feedback and assessing its impact on project priorities,  
Then prioritize the backlog, placing high-value features at the top based on this feedback.

**User Story 5: Write Test Cases and Definition of Done (DOD) for Each PBI**[Estimated Points: 5]

As a developer, I want to define clear test cases and the Definition of Done (DOD) for each product backlog item, so that we can ensure the functionality meets the expected quality standards.  
  
Given there is a new PBI,  
When defining its requirements and functionality,  
Then write clear and comprehensive test cases and define the Definition of Done (DOD) to ensure its completion meets quality standards.

**User Story 6: Add Validation Tests and Document Test Results** [Estimated Points: 5]

As a developer, I want to add validation tests and document the results, so that we have a clear record of the testing process and the quality of the software.  
  
Given a PBI is developed,  
When conducting validation tests based on defined test cases,  
Then thoroughly document the test results, including pass/fail status and any identified issues.

**User Story 7: Implement Enhancement Features** [Estimated Points: 5]

As a developer, I want to implement the agreed-upon enhancement features, so that the software's functionality is improved and meets the needs of our users.  
  
Given there are specified enhancement features (notifications),  
When implementing these features according to the provided requirements,  
Then ensure they are integrated into the software, improving its functionality as agreed upon.

**User Story 8: Refactor Code and Rerun All Tests** [Estimated Points: 8]

As a developer, I want to refactor the existing code and rerun all tests, so that the codebase is clean, optimized, and error-free after changes.  
  
Given we need to refactor our existing code,  
When making code changes and improvements,  
Then rerun all applicable tests to ensure changes maintain functionality, are error-free, and align with the DoD.

**User Story 9: Add Continuous Deployment (CD)** [Estimated Points: 8]

As a developer, I want to set up continuous deployment (CD), so that our software updates are automatically deployed, ensuring faster and more reliable releases.  
  
Given the project is ready for deployment,  
When configuring the continuous deployment (CD) pipeline,  
Then ensure the software updates are automatically deployed to the designated environment after passing relevant tests.

# Definition of Done

Requirements and Functionality:

* Meets specified user story requirements and acceptance criteria.

Documentation:

* Design documents, user manuals, and meeting minutes are updated and accurate.
* Clear and accessible test cases and outcomes documented.

Testing and Quality Assurance:

* Comprehensive tests passed.
* Code aligns with the agreed Definition of Done (DoD).

Backlog and Prioritization:

* Backlog updated promptly reflecting current project requirements and priorities.
* Prioritized based on client or product owner feedback.

Process and Alignment:

* Successful daily Scrum meetings for alignment and progress tracking.
* Sprint review and retrospective for improvement planning.

Deployment and Integration:

* Smooth integration with no new critical issues.
* Automated and reliable deployment, if applicable.