

Assignment 4:

Scrum Framework Overview - Prepare a one-page cheat sheet on the Scrum framework that includes roles, responsibilities, artifacts, and ceremonies. Provide a brief example of a Sprint task list for the earlier mentioned app project.

What is Scrum?

Scrum is an Agile framework for completing complex projects, it is based on the idea of interactive development. Scrum is designed to be flexible and adaptable so that teams can respond to change quickly.

Roles:

Product owner:

Defines all the product features and is Responsible for prioritizing product features he will Maintain product backlogs.

Scrum Master:

Conduct daily 15min team meetings to Remove obstacles.

The scrum master's main responsibility is to help the team become more organized and innovative.

Development team:

A team consist of 5-6 peoples, team defines task and assignments.

A team will maintain the sprint backlog.

Responsibility:

Product owner:

Defines and prioritizes product backlog items, and accepts or rejects work results.

Scrum master:

Remove obstacles and continuous to improvement.

Development team:

Delivers increments of potentially releasable products, collaborates on tasks, and self-manages.

Artifacts:

Product owner:

Prioritize the list of all desired work on the product

Sprint backlog:

A subset of product backlog items selected for the sprint.

Ceremonies:

Sprint Planning:

Plan the work for the upcoming Sprint.

Daily Standup:

Daily synchronization meeting to discuss progress, and plan for the next 24 hours.

Sprint Review:

Demo of completed work to stakeholders, and gather feedback.

Sprint Retrospective:

Reflect on the Sprint, and identify areas for improvement.

Sprint Task for developing Community Event App:

Implement Event Listing Page:

- Design UI for displaying events.
- Implement filters for event categories and dates.
- Test event listing functionality.

Create User Registration Feature:

- Design user registration form.
- Implement email verification process.
- Test user registration flow.

Integrate Map Functionality:

- Research and select map integration library.
- Implement map view for event locations.
- Allow users to get directions to events.
- Test map functionality on different devices.

Develop Event Creation Feature:

- Design UI for creating new events.
- Add validation for event details.
- Test event creation process.

User Profile Management:

- Allow users to edit their profiles.
- Implement profile picture upload feature.
- Add functionality for users to view their event attendance history.
- Test profile editing and viewing.