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.

Scrum Framework: An Agile methodology for project management focused on iterative development and continuous improvement.

Roles:

Product Owner: Represents stakeholders, prioritizes the product backlog, and ensures the team delivers value.

Development Team: Self-organizing team responsible for developing the product.

Scrum Master: Facilitates the Scrum process, removes roadblocks, and ensures the team follows Scrum practices.

Artifacts:

Product Backlog: Prioritized list of features and functionalities for the product.

Sprint Backlog: A subset of the product backlog selected for a specific Sprint.

Product Increment: The usable product functionality delivered at the end of each Sprint.

Ceremonies:

Sprint Planning: Team collaborates to select work for the upcoming Sprint and define the Sprint Goal.

Daily Scrum: Short daily meeting (15 minutes) for the development team to discuss progress, identify impediments, and plan for the next day.

Sprint Review: Team presents the completed work of the Sprint to stakeholders and receives feedback.

Sprint Retrospective: Team reflects on the Sprint, identifies areas for improvement, and plans changes for future Sprints.

Example Sprint Task List - Food Ordering App (Hypothetical):

Sprint Goal: Implement core functionalities for user registration, restaurant browsing, and menu selection.

Develop user registration form (UI & backend)

Design restaurant search and display functionalities

Integrate menu data with restaurant listings

Implement shopping cart functionality for order selection

Unit test all developed functionalities