**Task 7: Aasfa Saleem**

**Select a completed sprint from a project:**

**Sprint 1:**

User story 1: Implement user account creation with email and social media login options (3 days)

User story 2: Implement secure login and logout functionality with password and biometric authentication options (2 days)

User story 7: Design and implement a user-friendly and intuitive interface with clear instructions and feedback (2 days)

**Sprint goal and objectives:**

**Sprint goal:** To create a user account creation and authentication system that offers a variety of login choices, a user-friendly interface, and provides user security and privacy.

**Objectives:**

* Within three days, provide user account creation capabilities with email and social network login choices.
* Within two days, implement password- and biometric-based secure login and logout features.
* Within two days, create a user-friendly, intuitive interface with directions and feedback that are obvious.
* To assure the system's dependability and security, thoroughly test it.
* Code documentation and detailed instructions are provided for upgrades.
* Deliver the system within the deadline and within the budget.

**Description of the work completed during the sprint:** The following tasks were carried out by the development team during Sprint in order to finish the user stories:

**User story 1:** The team built user account creation functionality with choices for social networking and email sign in successfully. A user's email address or a social network account from a site like Facebook, Google, or Twitter can be used to establish an account.

**User story 2:** The team introduced password- and biometric-based secure login and logout features. Users have the option of employing biometric authentication, such as face recognition or fingerprint scanning, to access their accounts by providing their login and password. By erasing the user's session and cookies, the system also provides secure logout.

**User story 7:** The group created and put into operation an intuitive and user-friendly interface with clear instructions and feedback. The interface's responsiveness and compatibility with a variety of devices were important priorities for the team.

In addition to these user experiences, the team thoroughly tested the system to guarantee its dependability and security. For future maintenance and changes, they clearly laid down instructions and documented the code.

**Instructions on how to conduct a sprint review and retrospective:**

Sprint review and retrospective are different and the goal of the Sprint Review is to demonstrate the progress made during the Sprint and receive feedback from stakeholders whereas the goal of the Sprint Retrospective is to identify what went well during the Sprint and what could be improved in future Sprints. Based on this sprint, sprint review and retrospective will be conduct by:

**Sprint Review:** Invite all stakeholders, including product owners, developers, to the sprint review meeting. Start the meeting by reminding everyone of the sprint goal that is to develop a user account creation and authentication system with multiple login options and an intuitive interface that ensures user privacy and security. Demonstrate the features and functionality that were developed during the sprint, focusing on the user stories that were completed, i.e., User Story 1, 2, and 7. Show how users can create an account with email and social media login options and how the system ensures secure login and logout with password and biometric authentication options. Demonstrate the user-friendly interface with clear instructions and feedback. Collect feedback from stakeholders on the work completed during the sprint. Encourage stakeholders to provide both positive feedback and areas for improvement.

**Sprint Retrospective:** Invite all members of the development team to the meeting. Begin by reviewing the goals and objectives of Sprint. Ask the team to reflect on what went well during the sprint, and what could have been improved. Identify specific actions that the team can take to improve their performance in future sprints like if the interface is not according to the stakeholders then UI designers must improve themselves or scrum master must select the right designer for the project . Discuss any issues or challenges that arose during the sprint or during creating an account for example in coding and how they were resolved by the developers. Document the feedback and actions identified during the retrospective and assign responsibilities for implementation. Close the meeting by reviewing the feedback and actions identified, and setting goals for the next sprint, based on the outcomes of the sprint review meeting.