**TO -DO APPlICATION**

**Creating a to-do app involves multiple steps, including designing the user interface, developing the application, and implementing the features. Here's a simplified guide on how you might approach creating a basic to-do app:**

**1. Planning:**

**Define the features and functionalities in our to-do app as instructed by Product Owner.**

**Sketch a rough layout of the user interface.**

**2. Choose a Technology Stack:**

**Decide on the technologies we will use for front-end (HTML, CSS) and back-end (Node.js) development.**

**Select a database (MySQL) to store tasks.**

**3. Development:**

**a. Front-End Development:**

**Create the UI using HTML .**

**(Implement features like adding tasks, deleting tasks, editing tasks as completed.)**

**b. Back-End Development:**

**Set up a server using MySQL back-end technology.**

**Create APIs/endpoints for handling tasks (CRUD operations - Create, Read, Update, Delete).**

**Implementing user authentication is required.**

**c. Database:**

**Set up and configure the chosen database.**

**Create tables or collections to store task-related information.**

**4. Integration:**

**Connect the front-end and back-end parts of our application.**

**Ensure proper communication between the client and server using APIs.**

**5. Testing:**

**Perform unit tests to check individual components.**

**Conduct integration tests to ensure different parts of the app work together.**

**6. Deployment:**

**Deploy your app to a hosting service such as AWS for users to access.**

**7. Continual Improvement:**

**Gather user feedback and make improvements based on usability and feature requests.**