Project Description: Rental Management Application

Project Overview:

A Rental Management Application is a comprehensive software solution developed to facilitate the management of rental properties, ensuring that property owners, property managers, and tenants can effectively and efficiently handle all aspects of the rental process. The application serves as a centralized platform for various tasks, including property listing, tenant onboarding, lease management, maintenance requests, and financial transactions.

Key Features and Functionalities:

1. Property Listings:
    - Property owners can create detailed listings of their rental properties, including property descriptions, rental rates, and high-quality photos.
    - Property managers can easily organize and promote available properties for rent.
2. Tenant Management:
    - Property managers can manage tenant information, including tenant applications, references, and lease agreements.
    - Tenants can submit applications, review lease terms, and communicate with property managers.
3. Lease Tracking:
    - The application helps property managers and property owners keep track of lease agreements, including lease terms, renewal dates, and rent payments.
4. Maintenance Requests:
    - Tenants can submit maintenance requests and track their status.
    - Property managers can assign and manage maintenance tasks efficiently.
5. Financial Management:
    - The application enables property owners and managers to handle financial transactions, including rent collection.
6. Communication and Messaging:
    - The application includes communication tools for property managers, property owners, and tenants to exchange messages and notifications.
7. Document Management:
    - Users can store and manage essential documents such as lease agreements, rental applications, and property inspection reports.
8. Reporting and Analytics:

- The application provides insights into property performance, financial data, occupancy rates, and maintenance history through reports and analytics.

9. Security and Data Protection:
    - Robust security measures ensure the safety of sensitive data, including personal and financial information.

Practice Assignment 1

1. **(10%) Set Up a Kanban Board using "Trello".**
2. **(10%) Add your group members to your "Board".**
3. **(10%) Create a "Product Backlog".**
4. **(40%) Define at least 8 "User Stories" based on "Project Description":**
    - **For each user story, use the following format:** "As a [user role], I want [an action] so that [I can achieve a goal/benefit]". For example: "As a property owner, I want to create and manage property listings with details, so I can attract potential tenants."
    - **For each user story** define at least 4 "**Technical Tasks**" as "**Checklist**"
    - **Assign your team members to each "User story".**
5. **(10%) Prioritize your "User Stories" as follows:**
    - Must-Have (or High Priority): These are critical features that are essential for the application to be functional or to meet user needs. They have a significant impact on the application's core functionality and user experience.
    - Should-Have (or Medium Priority): These features are important and valuable but not absolutely critical for the initial release. They enhance the application's usability and provide significant value to users.
    - Could-Have (or Low Priority): These features are nice-to-have and can be considered for future iterations or releases. They provide additional value but are not essential for the basic functionality.
    - Won't-Have (or Very Low Priority): These are features that are explicitly deferred or deprioritized. They are considered for a much later stage, if at all, and are not part of the current development focus.
6. **(10%) Visualize Workflow as follows:**

    To-Do (Backlog) -> In Progress -> Testing -> Review -> Done
7. **(10%) Limit Work in Progress (WIP) for each column as you see fit.**