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Assignment: Mobile Application Project

Planning Using Taiga

App Name: CampusSpace

Problem Statement: Many colleges allocate classrooms and seminar halls manually through office visits or phone calls. This often causes confusion about room availability and results in double bookings. There is no centralized system where students or faculty can check room availability based on date, time, and capacity. This makes event planning inefficient and time-consuming. A mobile application is needed to manage room booking digitally and improve transparency.

Target Users: Students, Faculty members, and College Administration staff.

Screenshot – Project Dashboard:

Screenshot – Backlog:

Screenshot – Sprint Board:
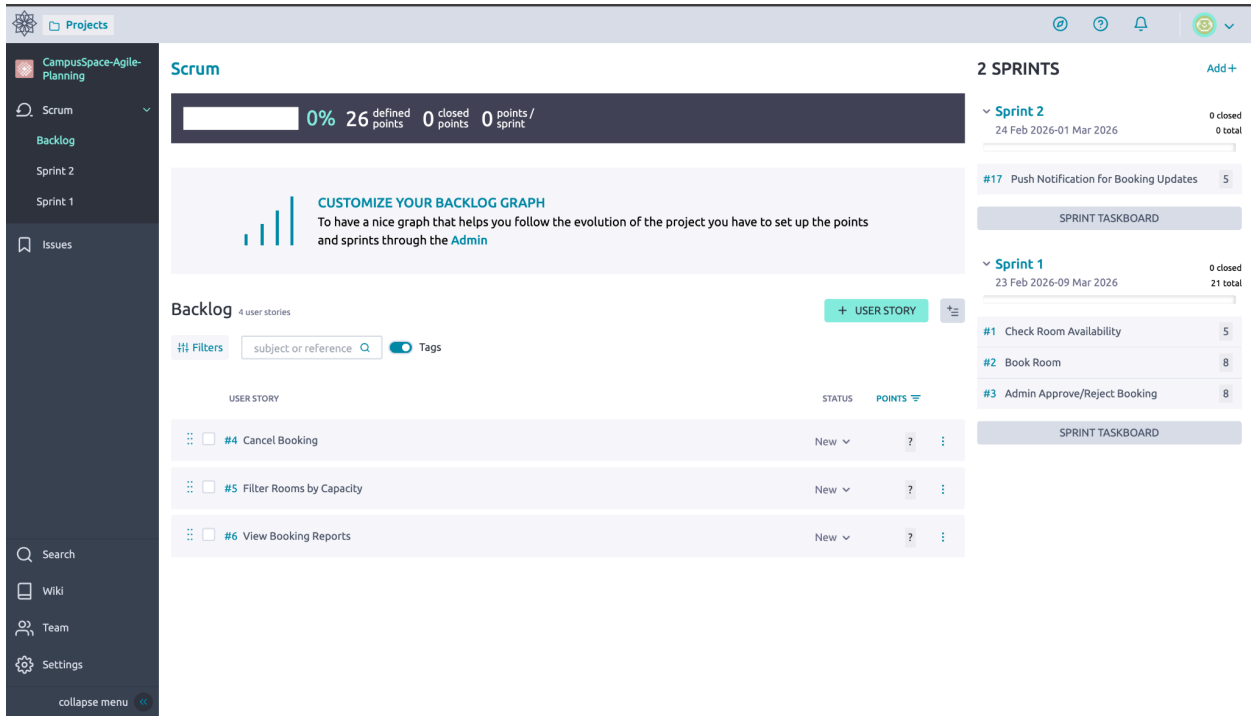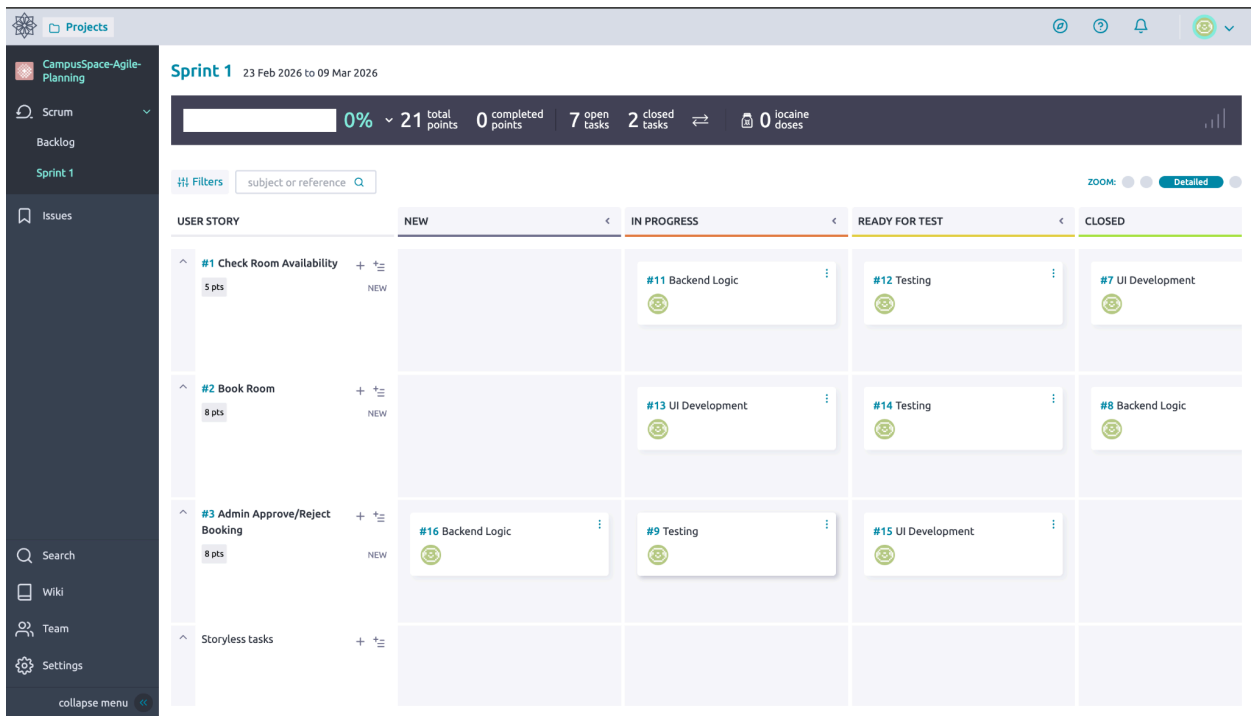
Screenshot – Project Dashboard(Updated):

Reflection: Agile is suitable for this mobile application because requirements in campus systems may change frequently based on user feedback. For example, features like notifications or additional filters can be added later. Agile allows flexible sprint-based planning and backlog reprioritization. Taiga helped in organizing user stories, assigning priorities, and breaking them into smaller tasks. The sprint board made it easier to track progress visually. When a new requirement was introduced, it was added to the backlog and scheduled for Sprint 2 without affecting the ongoing sprint. The challenging part while using Taiga was estimating story points and understanding sprint planning initially, but after practice it became clear. This assignment helped me understand how real mobile applications are planned using Agile methodology.