

## **DAY-4 06-06-2024**

**Assignment-1: Agile Project Planning - Create a one-page project plan for a new software feature using Agile planning techniques. Include backlog items with estimated story points and a prioritized list of user stories.**

**Project name:** Online Doctor Appointment system.

### **Vision:**

- Feature: Online Doctor Appointment System.
- Vision: Enable patients to schedule and manage doctor appointments seamlessly.
- Goal: Improve healthcare access and streamline appointment booking.

### **Clear Expectations on goals:**

- Develop a user-friendly platform for patients to book appointments online.
- Patients can search for doctors, view available time slots, and book appointments.

### **Project Team:**

- Product owner
- Scrum master
- Development team

### **User Stories:**

- As a patient, I want to search for doctors by specialization or location.
- As a patient, I want to view doctor profiles, including qualifications and availability.
- As a patient, I want to select an available time slot and book an appointment.
- As a doctor, I want to manage my availability and receive appointment notifications.

### **Create tasks based on user stories:**

- Task 1: Design user-friendly search functionality for doctors.
- Task 2: Develop doctor profile pages with relevant information.
- Task 3: Implement appointment booking logic.
- Task 4: Set up notifications for doctors and patients.

### **Plan Iterations and Estimate Effort:**

- Sprint1 (2 weeks):
  1. Doctor search - 3 story points
  2. Profile pages - 5 story points

Daily Standup topics:

- What did I accomplish yesterday??
  - What will I do today??
  - Any blockers
- Sprint 2 (2 weeks):
  3. Appointment booking - 8 story points
  4. Notifications - 3 story points

Daily Standup topics:

- What did I accomplish yesterday??
  - What will I do today??
  - Any blockers

### **Project tracking:**

- Daily Standup Meetings
- Sprint Reviews
- Sprint Retrospectives
- Burndown Charts

## **Key Metrics:**

- Velocity
- Sprint breakdown
- Customer Satisfaction