

# **IT-314 Software Engineering**

## **Lab – 3 (Task - 3)**

### **Group - 7**

**Given by: -**

**Prof. Saurabh Tiwari**



**DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND  
COMMUNICATION TECHNOLOGY**

### **Sprint 1: User Registration & Authentication (2 weeks)**

→ **Goal:** Implement core user registration and authentication features.

#### **User Stories:**

- **Sign Up for Unregistered Students**
  - *Estimate: 5 FP*
- **Login for Registered Students**
  - *Estimate: 4 FP*
- **Login for Admin**
  - *Estimate: 5 FP*
- **Forgot Password**
  - *Estimate: 4 FP*

→ **Total Estimate: 18 FP → Sprint Duration: 1.5 weeks**

### **Sprint 2: Scholarship Viewing & Application (2 weeks)**

→ **Goal:** Develop features for viewing and applying for scholarships.

#### **User Stories:**

- **View and Apply for Scholarships**
  - *Estimate: 7 FP*
- **Upload Documents**
  - *Estimate: 5 FP*
- **View Scholarship Details**
  - *Estimate: 6 FP*
- **Edit Application**
  - *Estimate: 5 FP*

→ **Total Estimate: 23 FP → Sprint Duration: 2 weeks**

### **Sprint 3: Application Management & Status Tracking (2 weeks)**

→ **Goal:** Implement features for managing applications and tracking status.

### **User Stories:**

- **Check Application Status**
  - *Estimate: 5 FP*
- **View Application History**
  - *Estimate: 5 FP*
- **Edit Application**
  - *Estimate: 5 FP*
- **View Scholarship Details**
  - *Estimate: 4 FP*

**→ Total Estimate: 19 FP → Sprint Duration: 2 weeks**

### **Sprint 4: Notifications & Communication (2 weeks)**

**→ Goal:** Develop notification systems and communication features.

### **User Stories:**

- **Receive Notifications**
  - *Estimate: 6 FP*
- **Manage Notification Preferences**
  - *Estimate: 4 FP*
- **View FAQ Section**
  - *Estimate: 4 FP*
- **Send Real-Time Notifications**
  - *Estimate: 4 FP*

**→ Total Estimate: 18 FP → Sprint Duration: 2 weeks**

### **Sprint 5: Admin Scholarship Management (2 weeks)**

**→ Goal:** Implement scholarship management features for admins.

### **User Stories:**

- **Admin Add Scholarship**

- *Estimate: 4 FP*
- **Admin Update Scholarship**
  - *Estimate: 4 FP*
- **Admin Remove Scholarship**
  - *Estimate: 4 FP*
- **Update Status of Scholarship**
  - *Estimate: 4 FP*

→ **Total Estimate: 16 FP → Sprint Duration: 1.5 weeks**

### **Sprint 6: Admin Dashboard & Application Review (2 weeks)**

→ **Goal:** Develop an admin dashboard and features for reviewing applications.

#### **User Stories:**

- **Admin Dashboard**
  - *Estimate: 6 FP*
- **Application Review by Admin**
  - *Estimate: 6 FP*
- **Admin Manage FAQ Section**
  - *Estimate: 4 FP*

→ **Total Estimate: 16 FP → Sprint Duration: 1.5 weeks**

### **Sprint 7: Profile Management, User Management, & Security (2 weeks)**

→ **Goal:** Implement profile management, user management, and security features.

#### **User Stories:**

- **Student Profile Management**
  - *Estimate: 6 FP*
- **Admin User Management**
  - *Estimate: 5 FP*
- **Secure User Sessions**

- *Estimate: 5 FP*

**→Total Estimate: 16 FP → Sprint Duration: 1.5 weeks**

**Total Project Duration :-**

- **Number of Sprints: 7**
- **Total Estimated Time: 10-12 weeks**