



## **IT-314 Software Engineering**

**Lab - 5**

**Group - 12**

**202201115 - Parjanya Rajput**

**202201119 - Sahil Sutariya**

**202201132 - David Lochan Baro**

**202201140 - Harsh Gajjar**

**202201143 - Rutvik Vegad**

**202201153 - Dev Dodiya**

**202201158 - Janvi Ramani**

**202201172 - Dhruvin Akhaja**

**202201178 - Vedant Savani**

## Develop the Class diagram for Sprint 1/2 (first derive the sequence diagram by identifying entity/boundary/control objects).

- Identify Entity/Boundary/Control Objects
- Develop Sequence Diagram
- Develop Analysis Domain Model (i.e., Class Diagram)

## Sprint Details

### **Sprint 3: Real-Time Chat & Media Sharing (4 weeks)**

→ **Goal:** Implement real-time chat functionality and media sharing.

→ **User Stories:**

#### ◆ **Realtime Chat**

- $[(1*3) + (1*4) + (0*3) + (1*7) + (0*5)] * 0.65 = 9.1$
- Estimate: 9.1 FP

#### ◆ **Group Chat Room**

- $[(1*3) + (1*4) + (0*3) + (1*7) + (0*5)] * 0.65 = 9.1$
- Estimate: 9.1 FP

#### ◆ **Media Sharing**

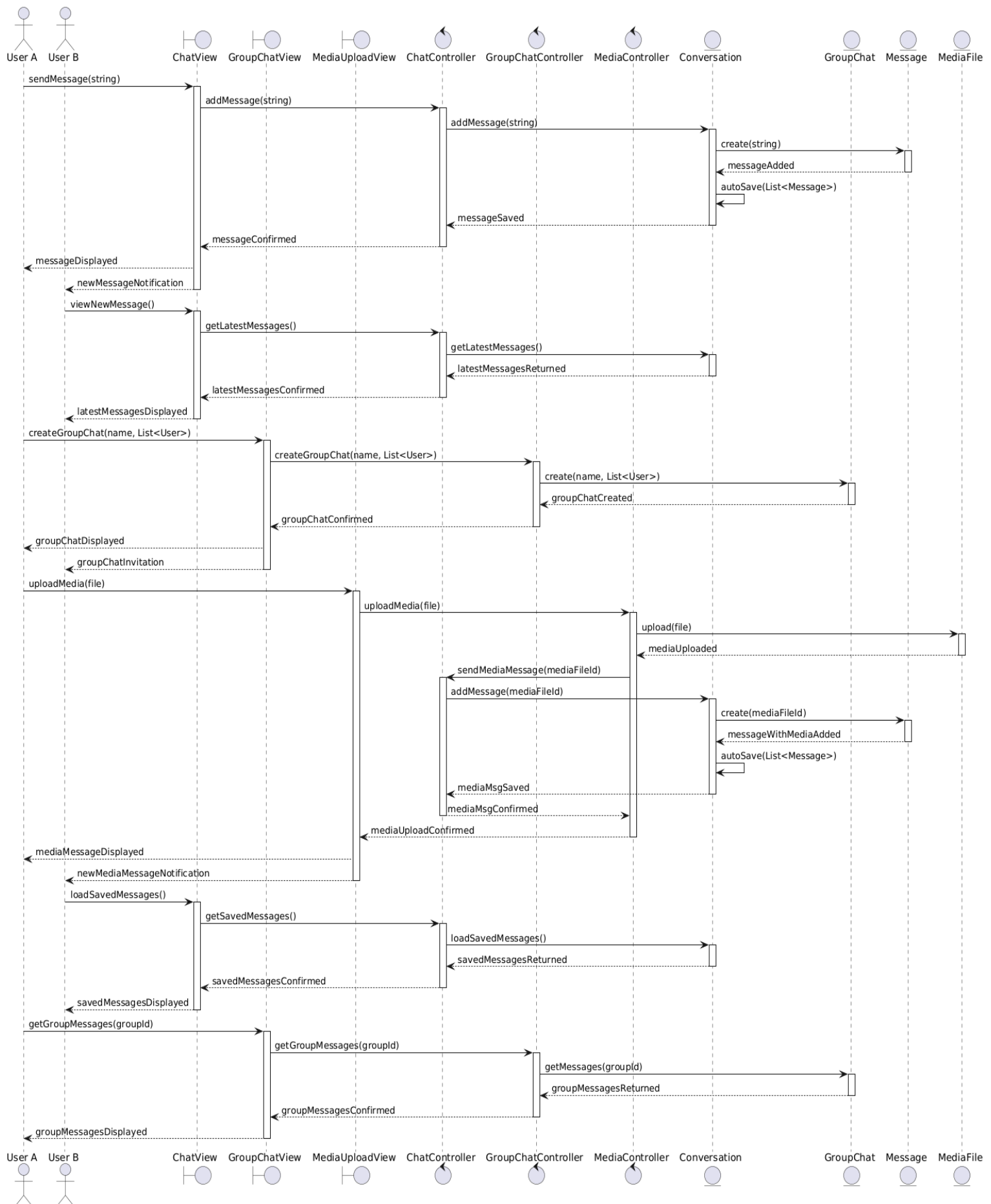
- $[(1*3) + (1*4) + (0*3) + (1*7) + (1*5)] * 0.65 = 12.35$
- Estimate: 12.35 FP

#### ◆ **Auto-Save Conversations**

- $[(0*3) + (0*4) + (0*3) + (1*7) + (0*5)] * 0.65 = 4.55$
- Estimate: 4.55 FP

**Total Estimate: 35 FP Sprint Duration: 4 weeks**

# Sequence Diagram for the above sprint:



## Class Diagram for the above sprint:

