RealOffice System Modeling Document

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Table Of Contents

Introduction

RealOffice is an application software intended for use in the CSE department office to simplify routine procedural tasks. In essence, it shall allow office staff to schedule different kinds of meetings, track meeting requirements, manage room allotments, file meeting reports and also cancel arrangements for cancelled meetings. It shall also remind the staff regarding upcoming events that need attention and facilitate routine backups as replacement for hard paperwork. It shall also integrate data from the CSE department calendar about meetings scheduled from other platforms.
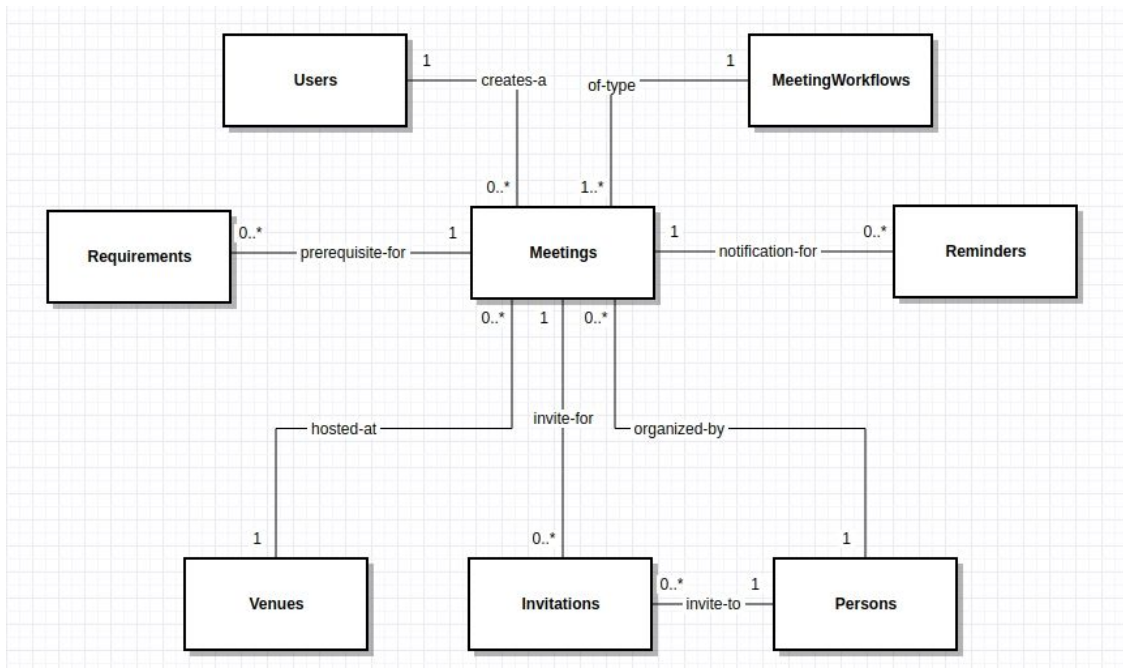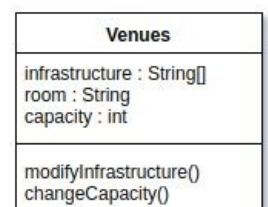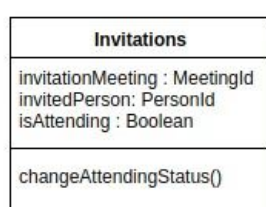
Context Models

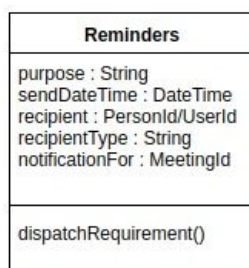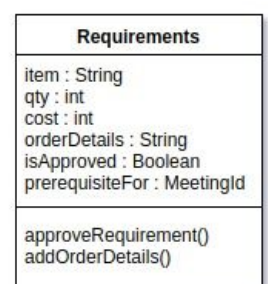## 1. Context Of the RealOffice System

RealOffice Context Model
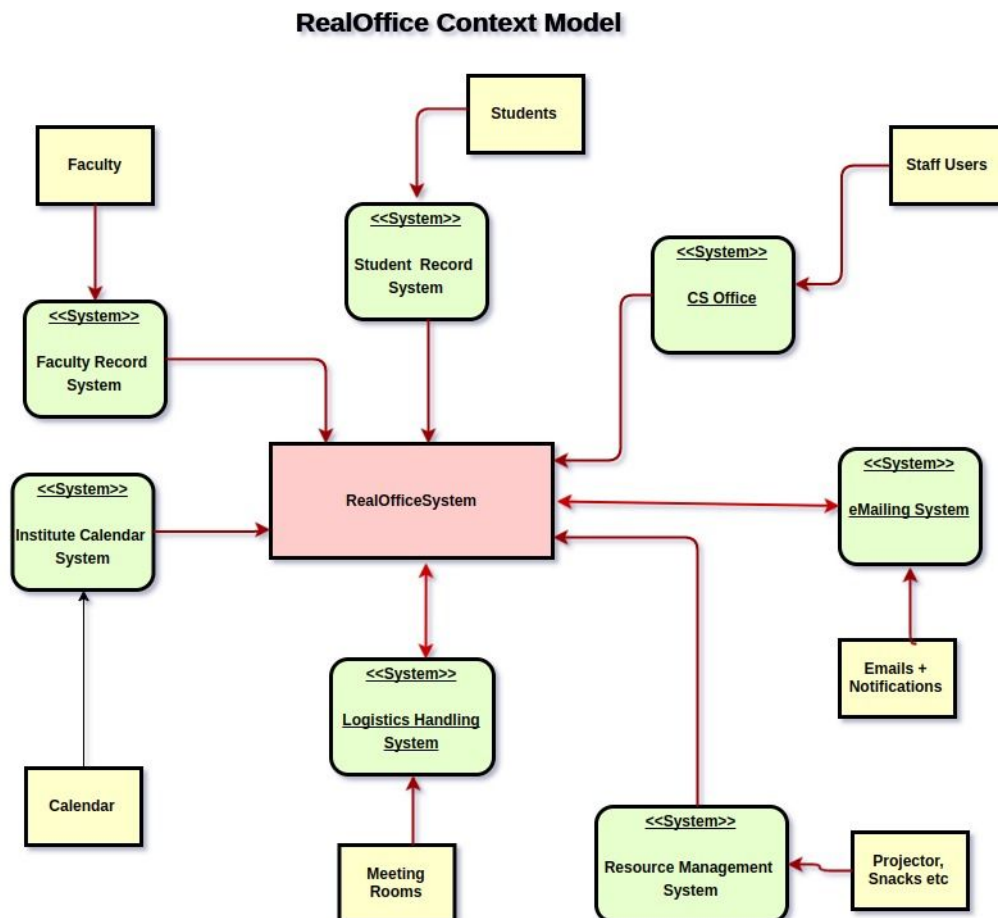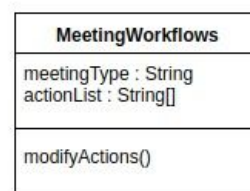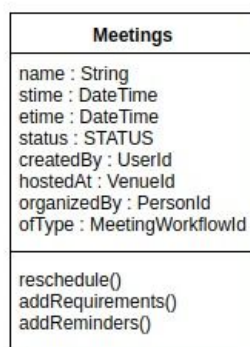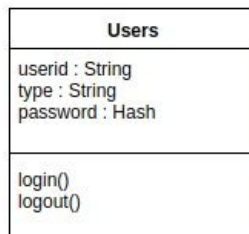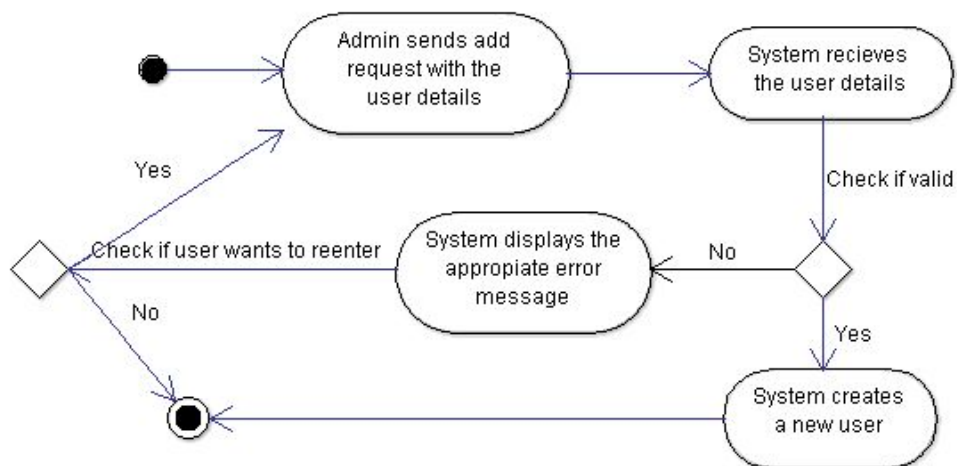
Structural Models
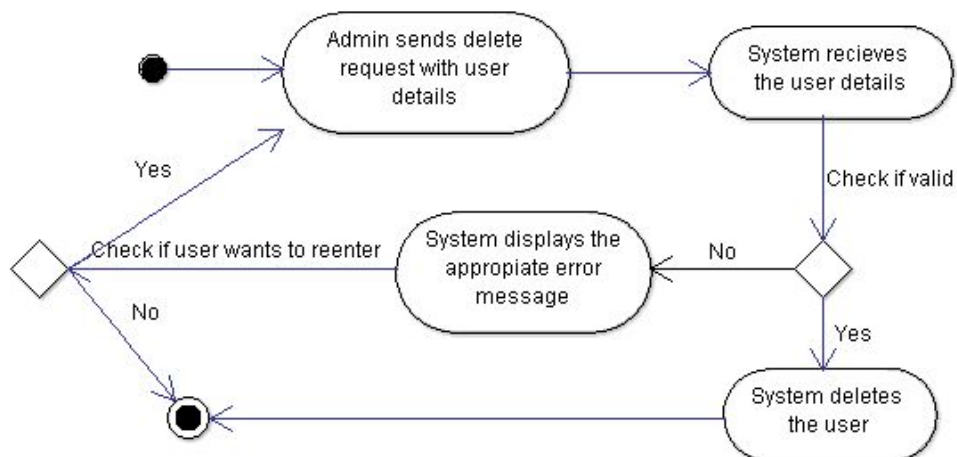
1. Class Association Diagram

2. Class Diagrams

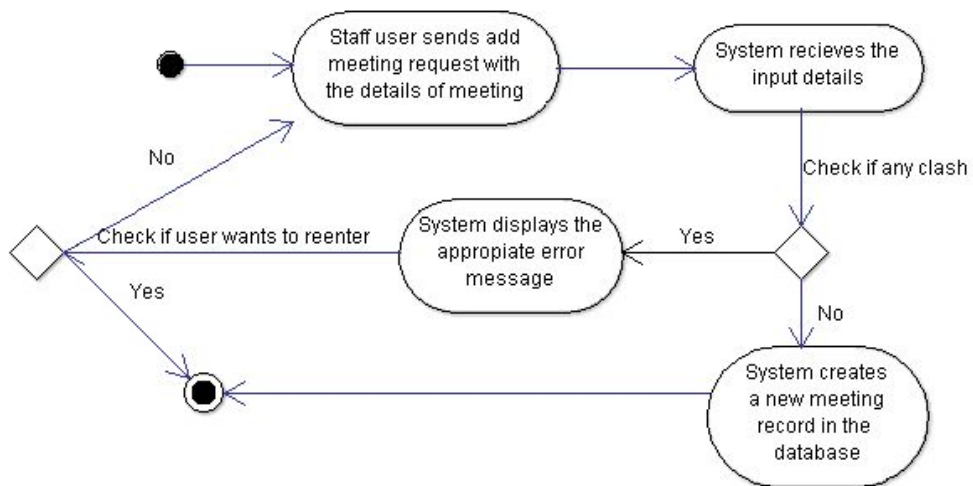# Behavioral Models

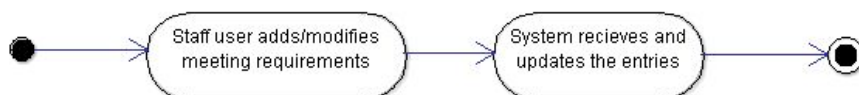## Activity Diagrams (data-driven modeling)

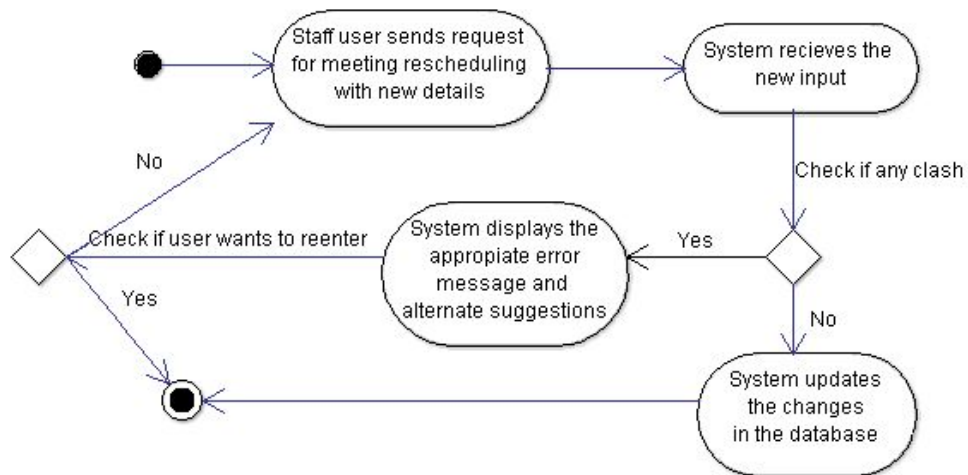1. Admin Scenario 1 : Add User

2. Admin Scenario 2 : Delete User

3. Staff User Scenario 1 : Add Meeting
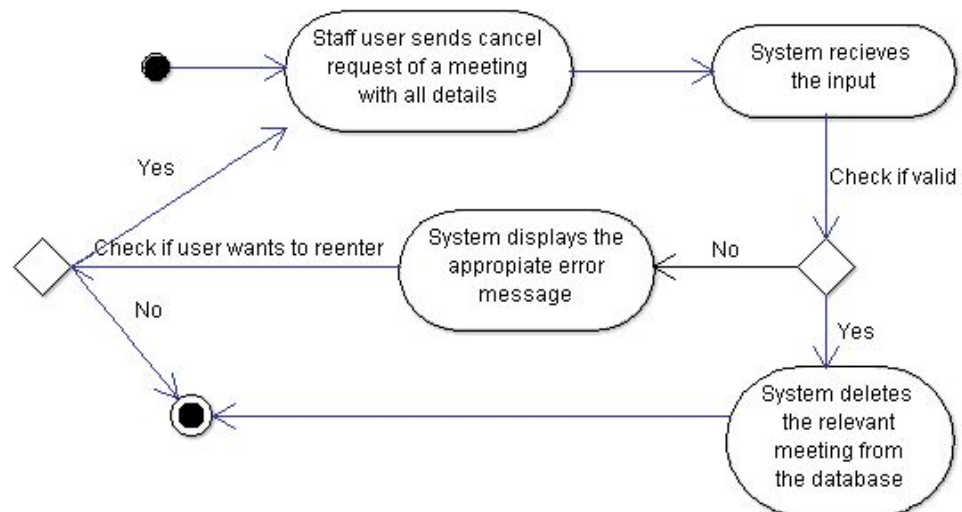

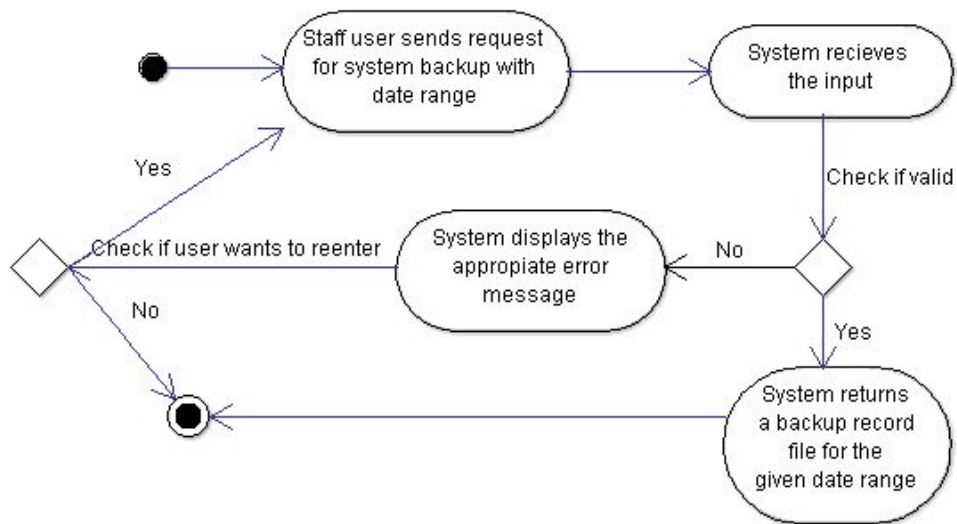4. Staff User Scenario 2 : Add Meeting Requirements

5. Staff User Scenario 3 : Reschedule Meeting

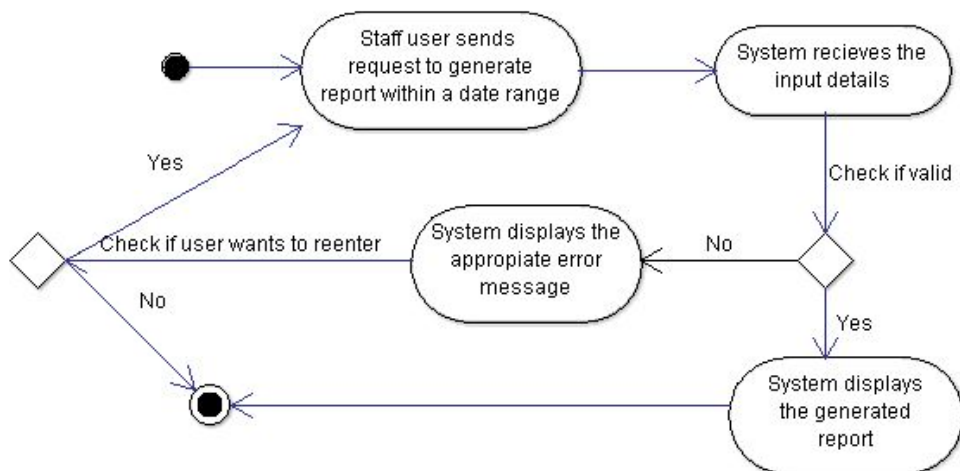
6. Staff User Scenario 4 : Cancel Meeting

7. Staff User Scenario 5 : Generate Backup
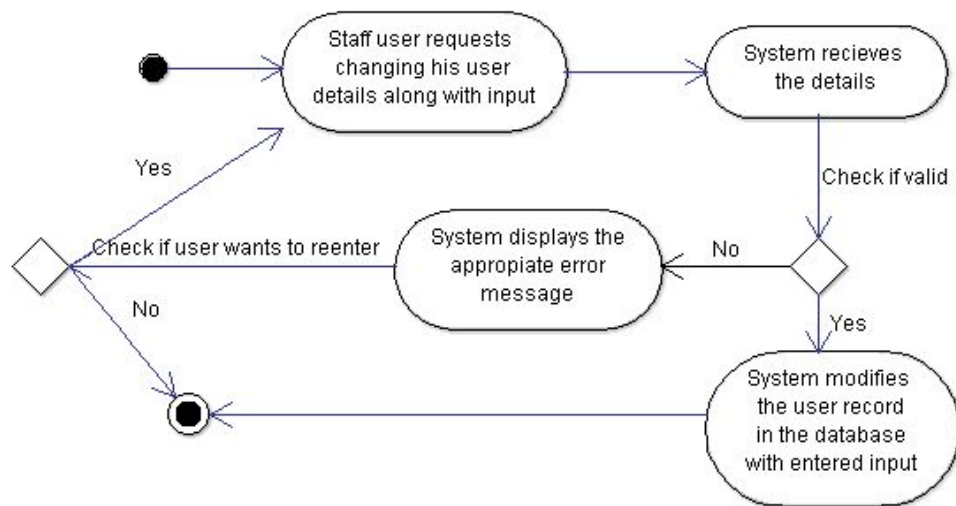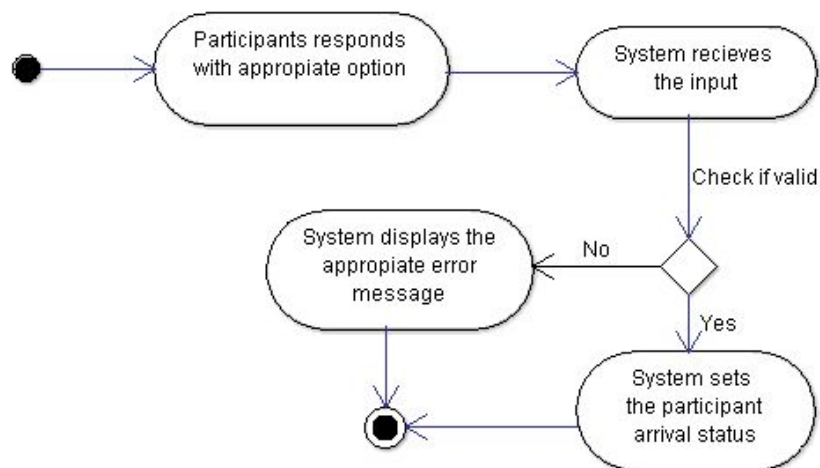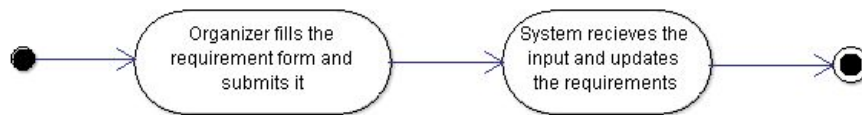

8. Staff User Scenario 6 : Generate Report

9. Staff User Scenario 7 : Edit own user details
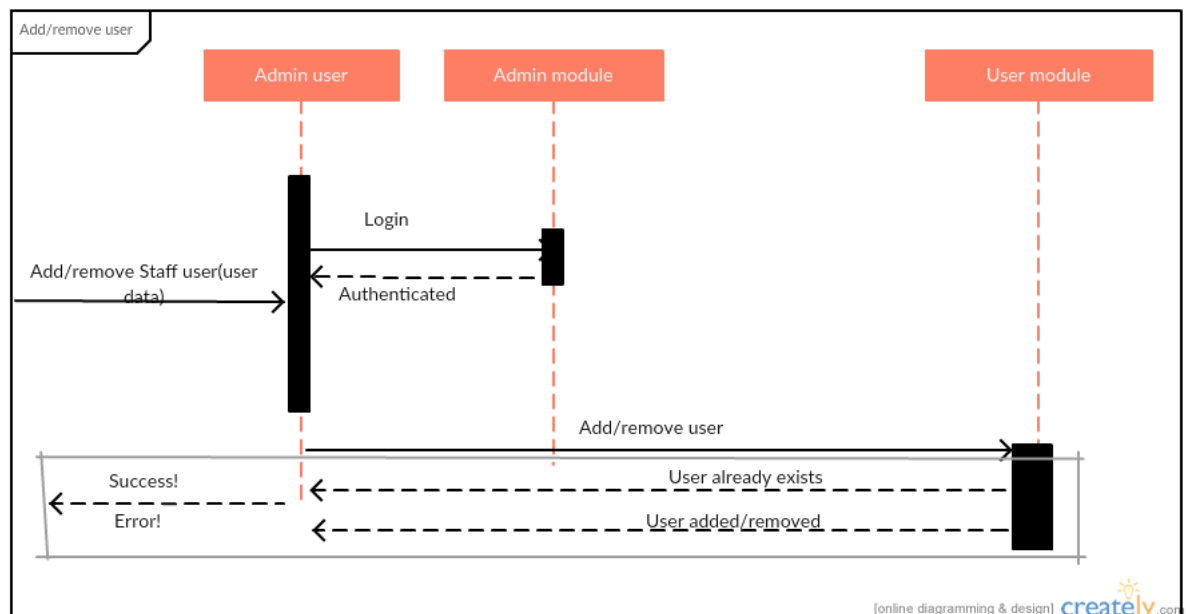

10. Participant Scenario 1 : RSVP Remainders
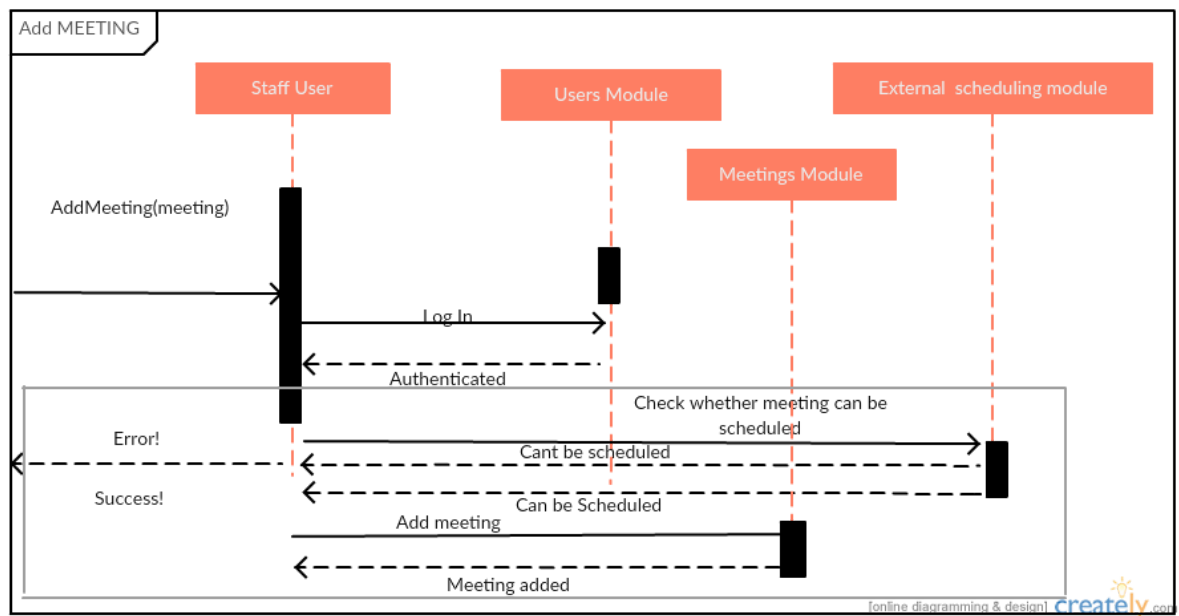
11. Organizer Scenario 1 : Request Requirements
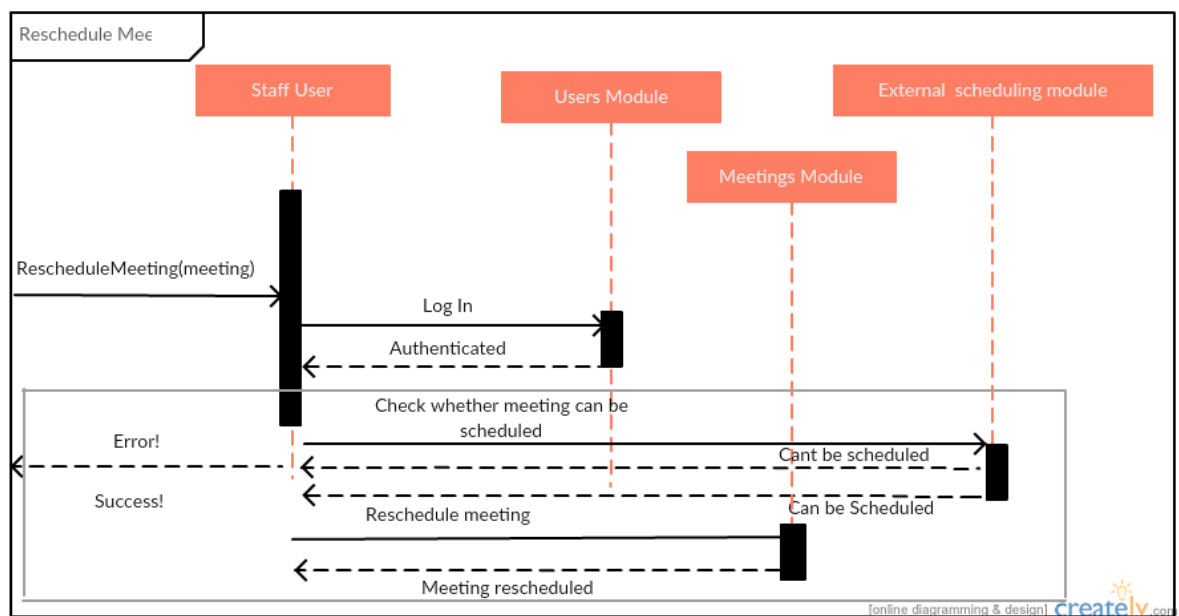

Interaction Models

Sequence Diagrams

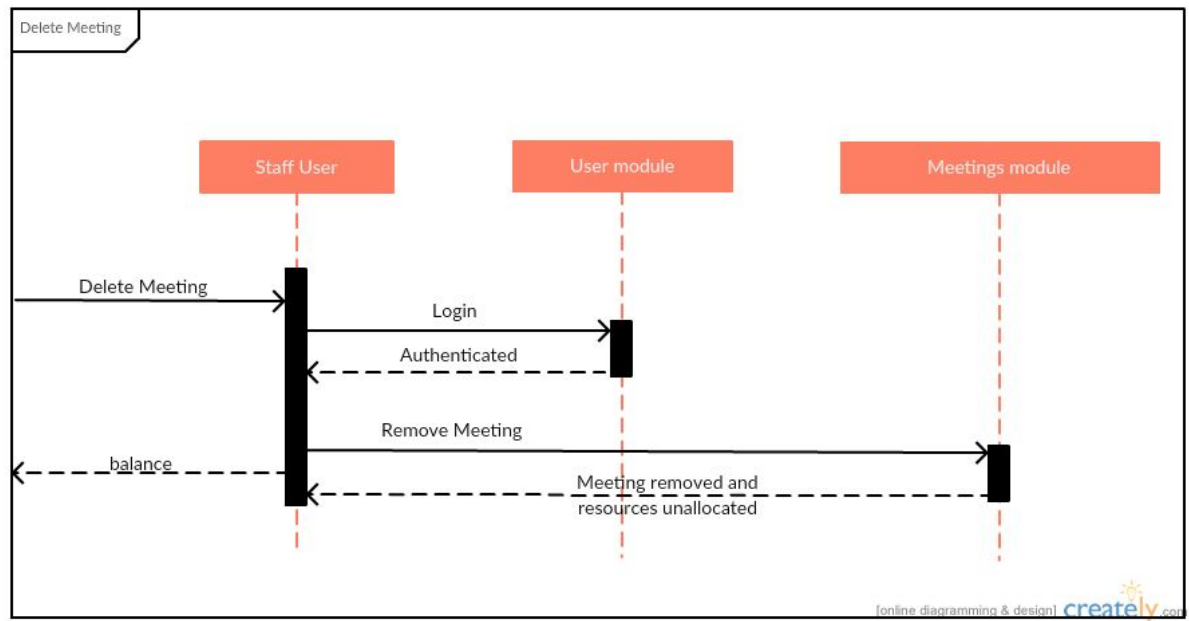1) Add/remove staff users by admin users

2) Add Meeting

3) Reschedule meeting

4) Delete meeting

5) Get meeting reports between 2 dates given