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| Project: EduTrak |
| Team No.: 5 |
| Class: CSE 3310; Fall 2020 Module: Unified Modeling Language (UML) Deliverable: UML Document – Increment I delivery |

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Revision History

| <i>Version number</i> | <i>Date</i> | <i>Originator</i> | <i>Reason for change</i> | <i>High level description of changes</i> |
|-----------------------|-------------|-------------------|--------------------------|--|
| 1.0 | 10/1/2020 | Team 5 | Initial draft. | Create a program context and system diagram of all the components of our app. In addition, UML diagrams created for each component of our app. |
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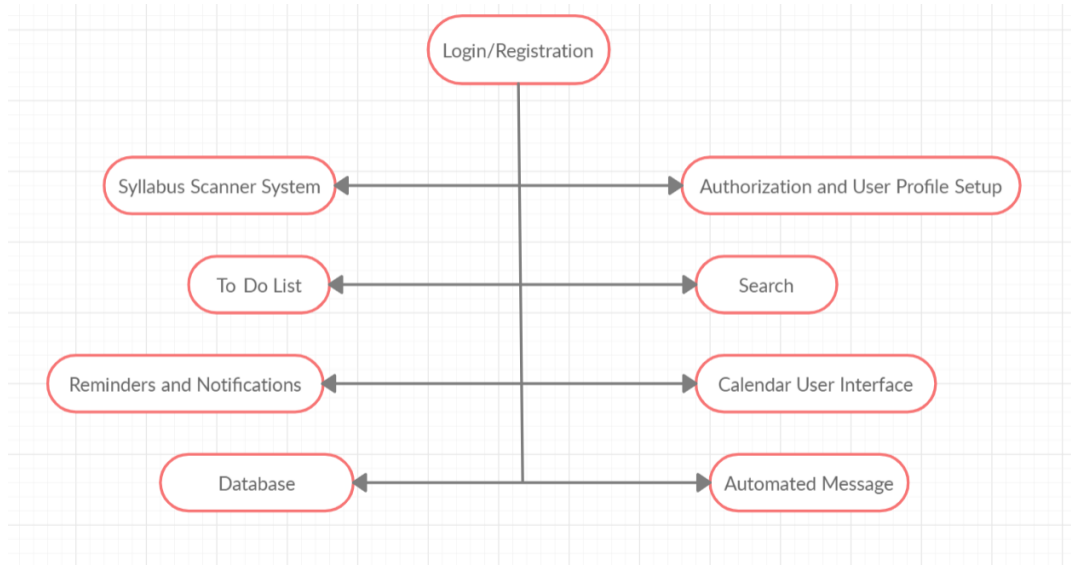
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1. Introduction and Project Overview

As a group of college students with busy schedules, we understand the struggle to keep up with numerous deadlines and events that occur during the school year. That is why we are creating EduTrak, an app designed to help students with time management. The app scans your class syllabus file and creates course deadlines for you on an easy to use Calendar UI. This allows for students to get a visual representation of assignment due dates, class lecture times, and exam/quiz dates for all their courses. You may also manually add events on your calendar and view tasks/events as a To-Do List. Thus, allowing for the ability of the user to easily filter certain events and deadlines based on date and course number. Also included is an Automated Chatbot that helps answers any question that a user may have about navigating the app. Lastly, the app is also capable of sending notifications to remind users about any upcoming events.

2. Project Context Diagram

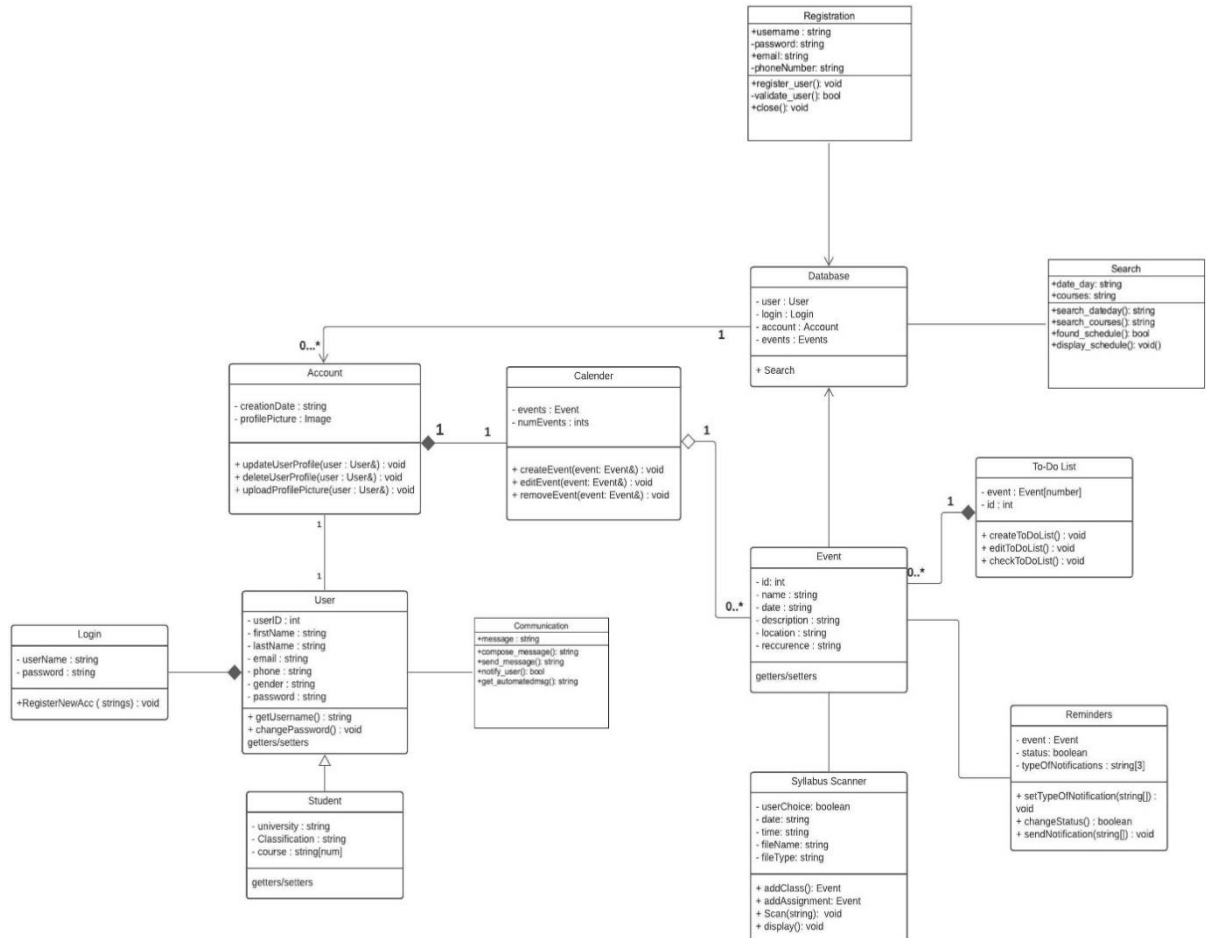
EduTrak



3. UML Diagram

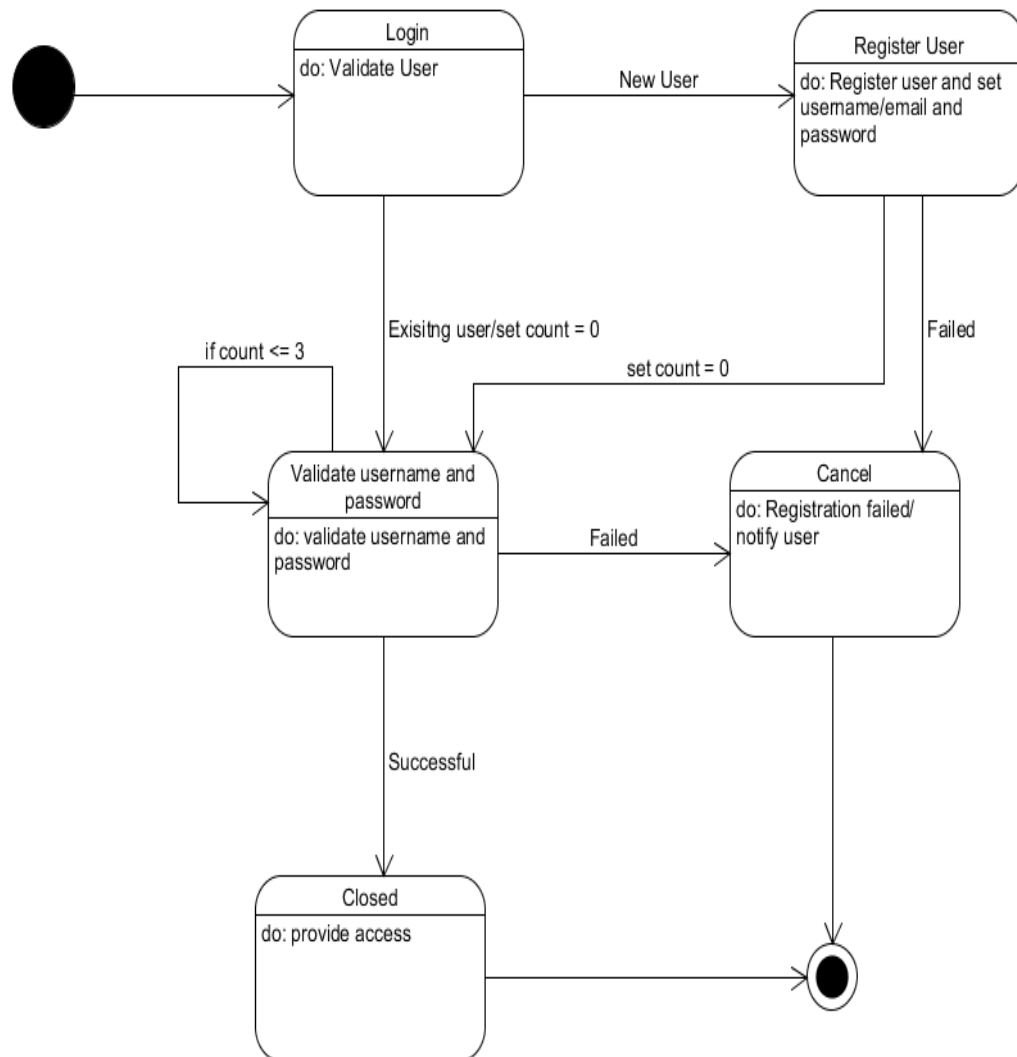
3.1 UML DIAGRAM: EDUTRAK SYSTEM

UML Diagram Type: Class Diagram



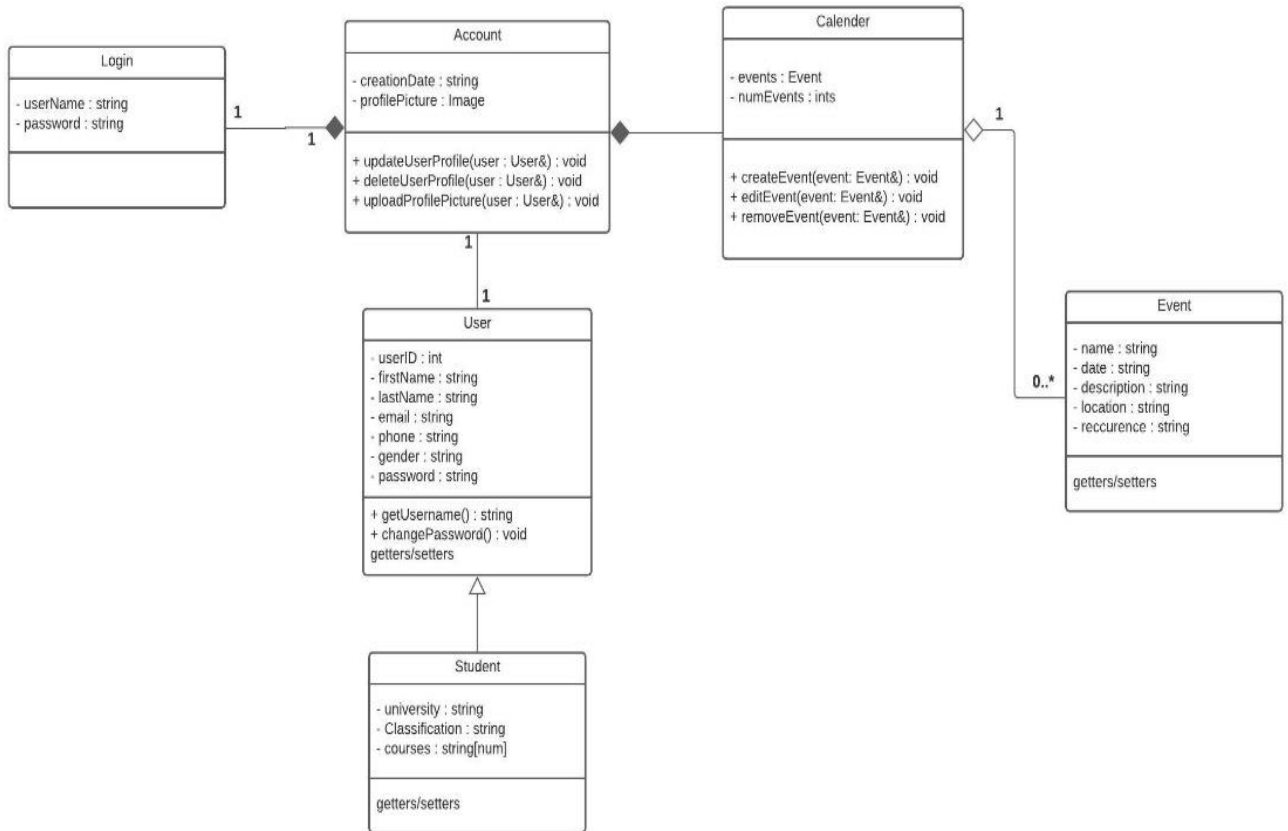
3.2 UML DIAGRAM: “REGISTRATION AND LOGIN”

UML Diagram Type: State Diagram



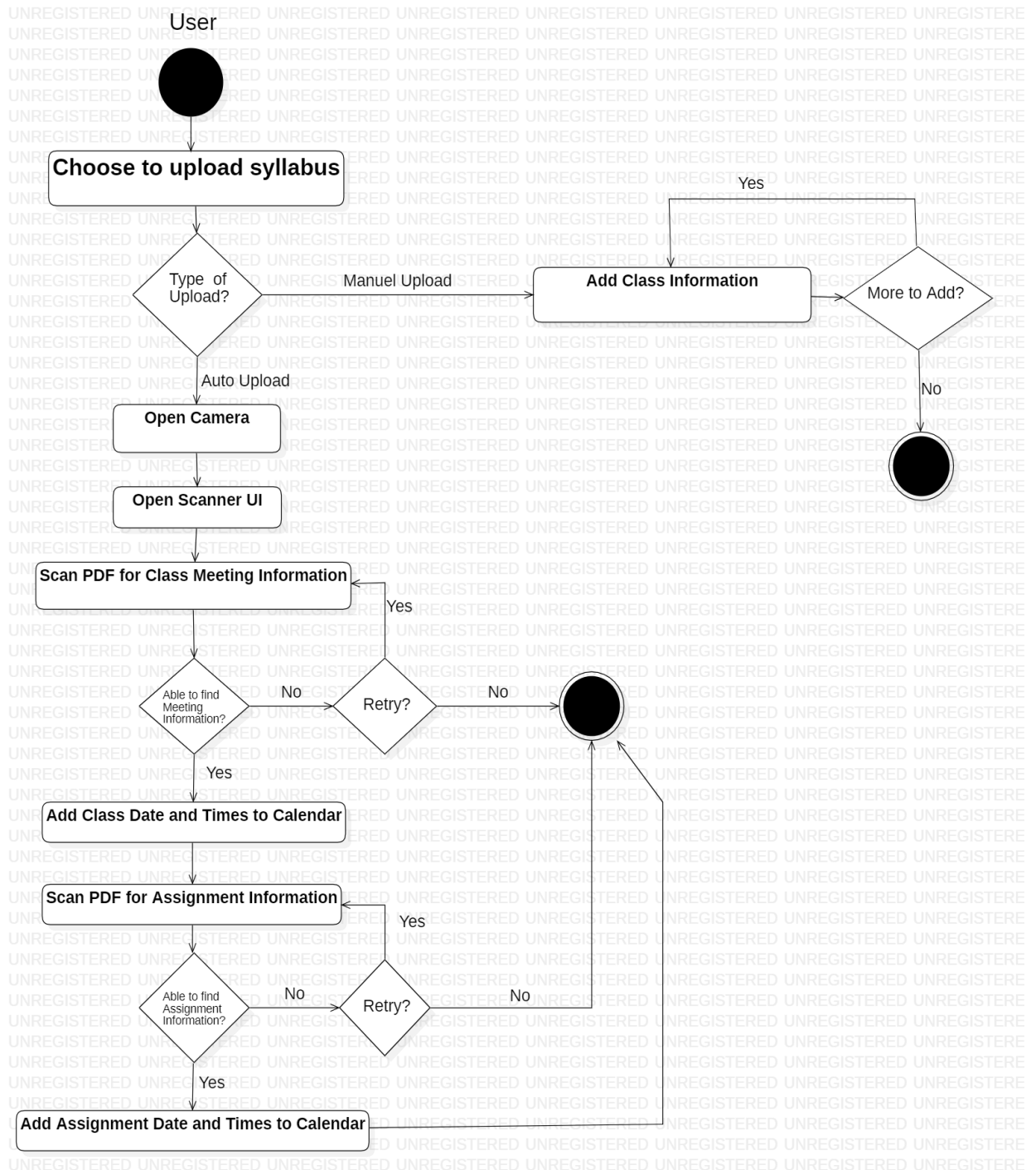
3.3 UML DIAGRAM: “USER PROFILE SETUP”

UML Diagram Type: Class Diagram



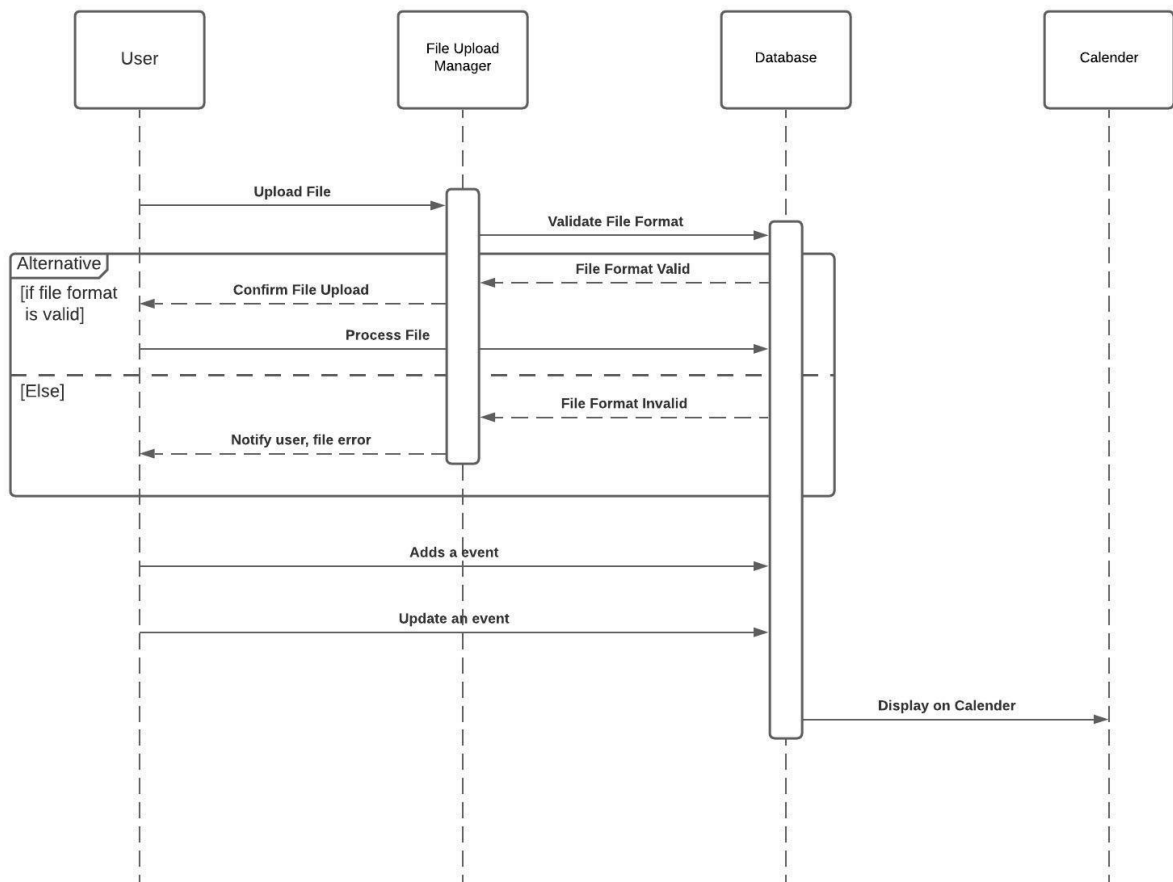
3.4 UML DIAGRAM: “SYLLABUS SCANNER SYSTEM”

UML Diagram Type: Activity Diagram



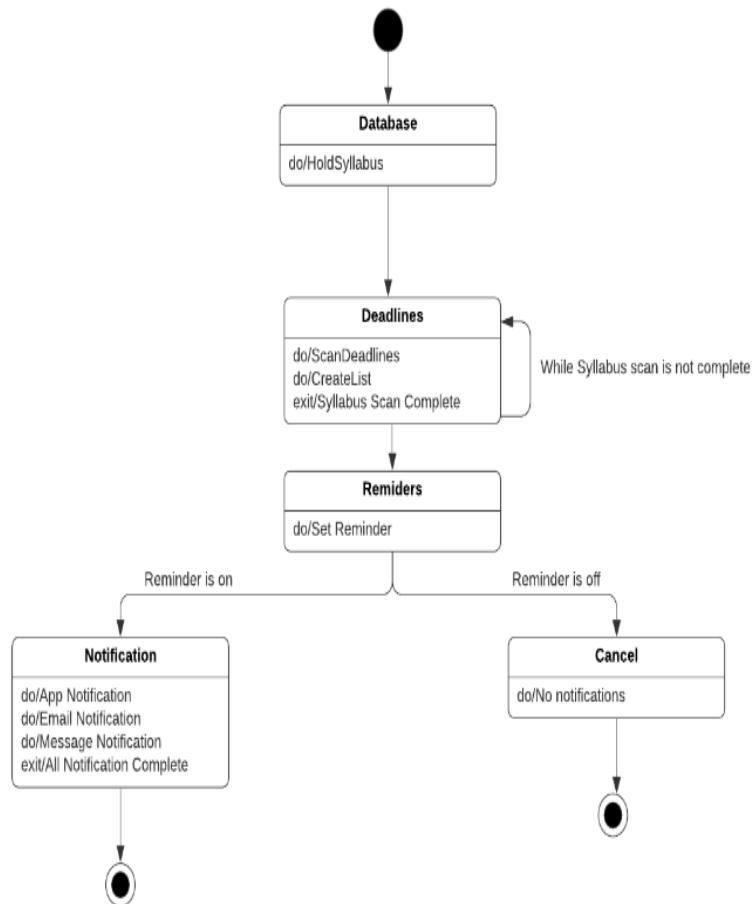
3.5 UML DIAGRAM: “CALENDAR USER INTERFACE”

UML Diagram Type: Sequence Diagram



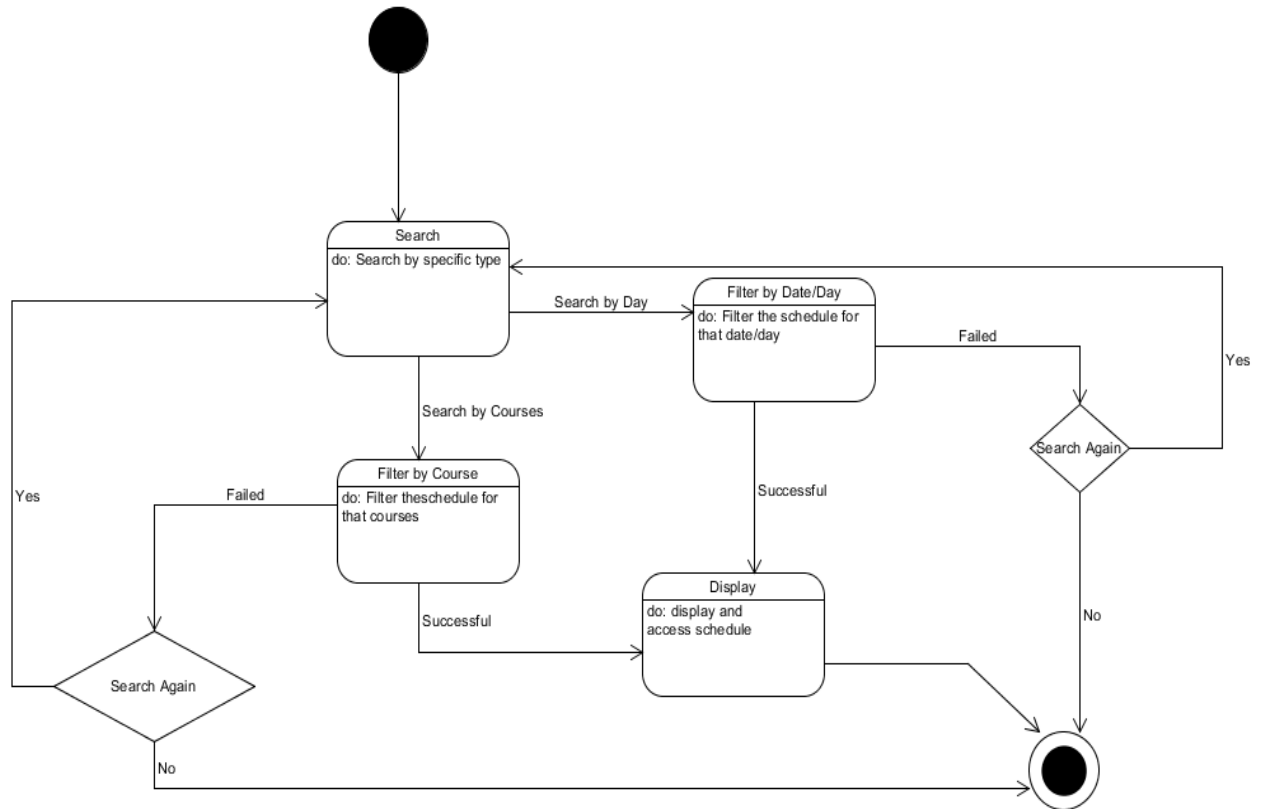
3.6 UML DIAGRAM: “REMINDERS AND NOTIFICATIONS”

UML Diagram Type: State Diagram



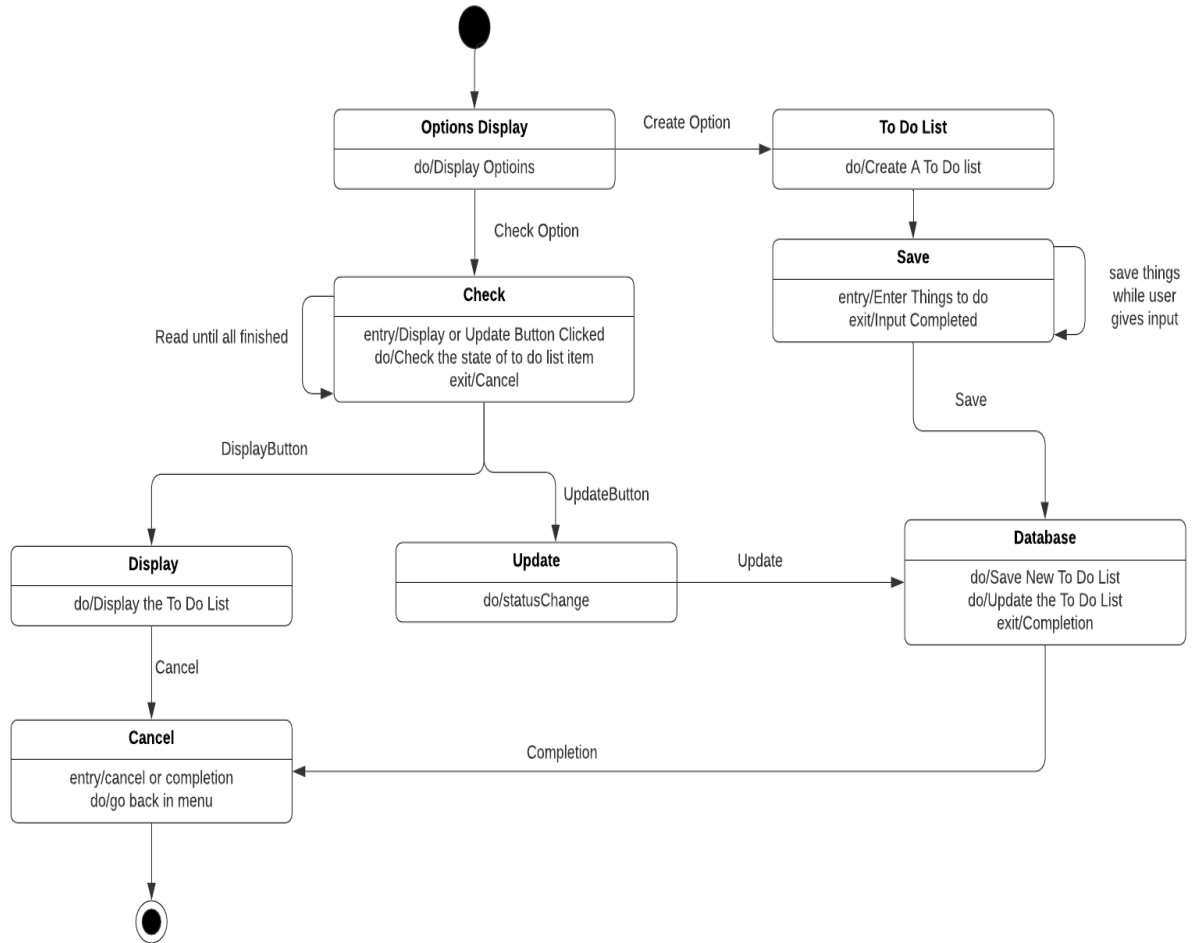
3.7 UML DIAGRAM: “SEARCH”

UML Diagram Type: Activity Diagram



3.8 UML DIAGRAM: “TO DO LIST”

UML Diagram Type: State Diagram



3.9 UML DIAGRAM: “AUTOMATED HELP CHATBOT”

UML Diagram Type: Activity Diagram

