

CS345-346
Software Engineering

Assignment-03 UML
Group 01

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Indian Institute of Technology, Guwahati
February 2022

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1 UML

1.1 User View

Use Case Diagram

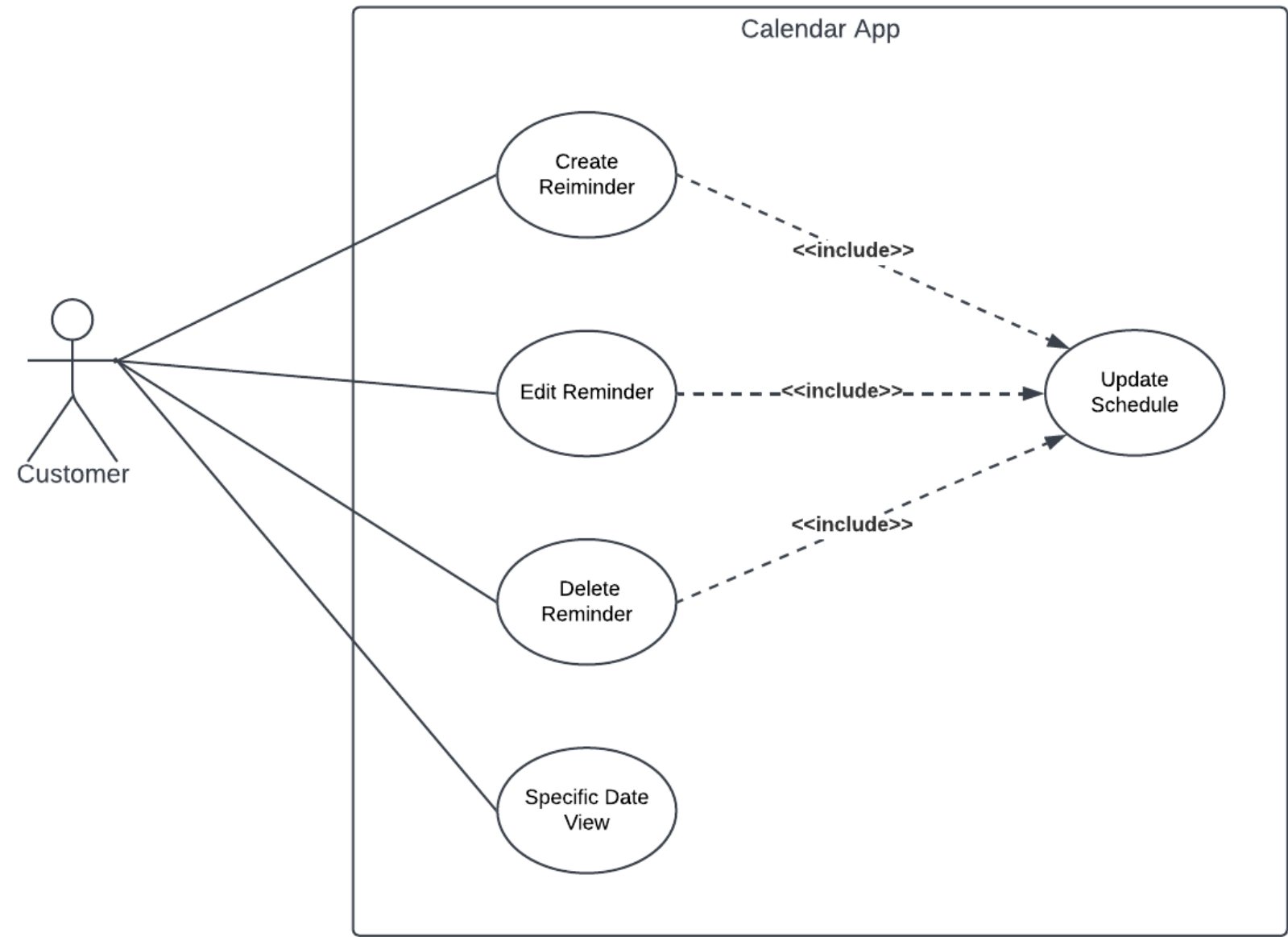


Figure 1: User View for calendar app

Usecases:

1.1.1 U1

Create Reminder: In this use case, users will be able to create new reminder by providing necessary information.

Scenario 1: Mainline Sequence

User: Select add remainder option.

System: Navigate to the reminder details tab to allow the user to write event name, remainder time, frequency of remainder.

User: Enter the necessary details.

System: Display the updated event reminders list on the day.

Alternate Sequence:

Scenario 2: at step 4 of mainline sequence

System: Display the message that the event with this name is already present.

Scenario 3: At step 4

System: Display the message that all the necessary information is not provided.

1.1.2 U2

Edit reminder: In this use case, users will be able to edit a reminder by providing necessary information.

Scenario 1 : Mainline Sequence

User : select a reminder

System : Display reminder details

User : Select edit option

System : reminder details tab

User : Edits the details

System : Display the updated reminder details.

Alternate Sequence :

Scenario 2 : at step 6 of Mainline Sequence

System : Display the message that the event with this name is already present.

1.1.3 U3

Delete remainder:In this use case, users will be able to delete a reminder.

Scenario 1 : Mainline Sequence

User : select a reminder

System : Display reminder details

User : Select delete option

System : Display the updated event reminders list on the day.

1.1.4 U4

Specific date view: using this View user will be able to go to a different date and see the events of the day.

Scenario 1: Mainline Sequence

User: Clicks on the year.

System: Navigate to a page where the user can change the year or month.

User: Selects a year then selects a month.

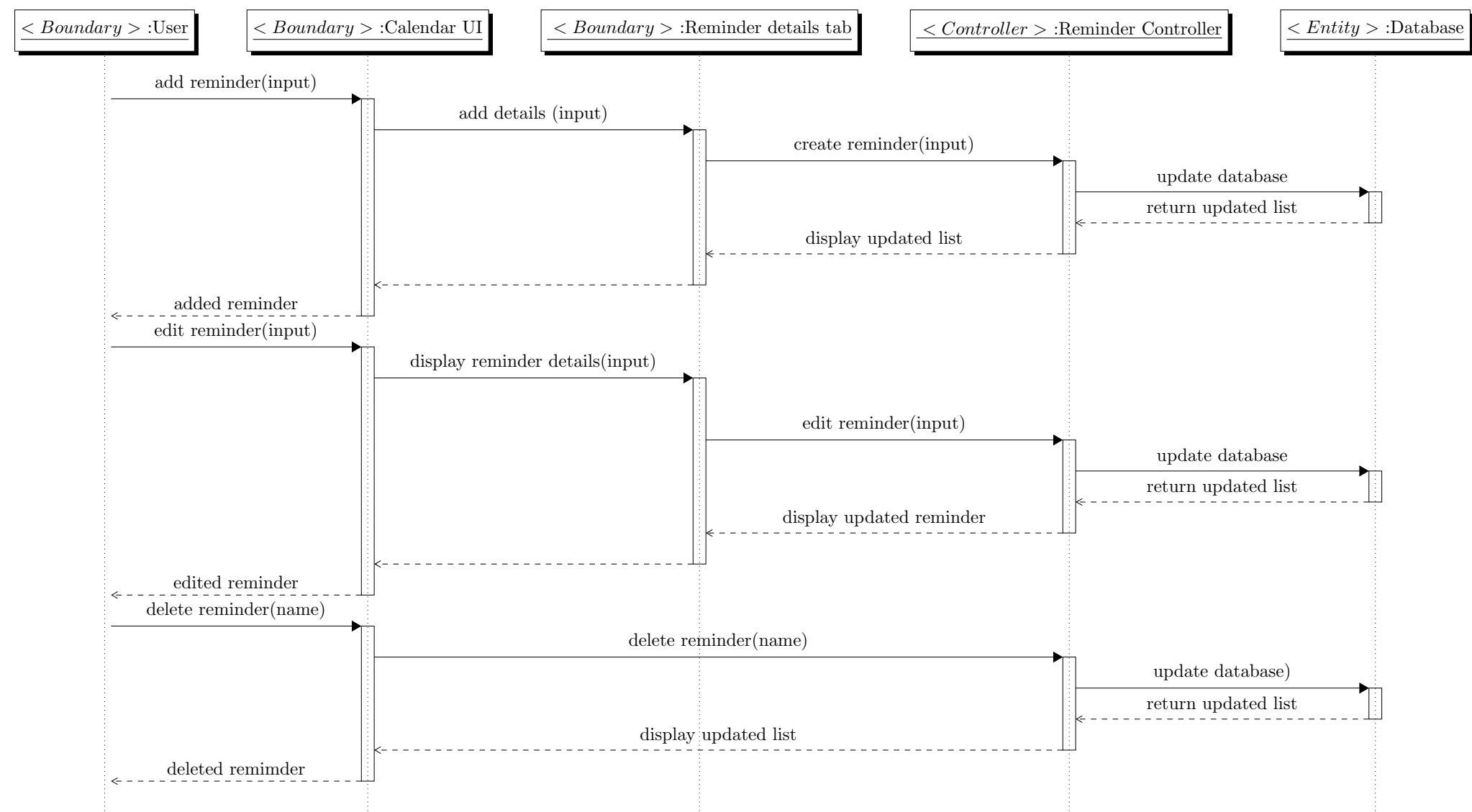
System: Display the days of the selected year and month.

User: Selects a date.

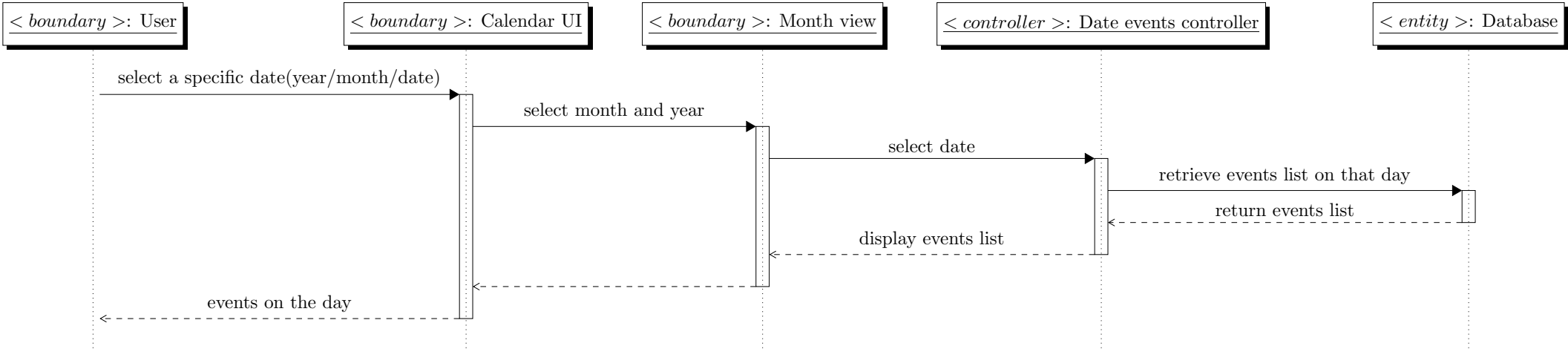
System: Display the events list on that day.

SEQUENCE DIAGRAM

Create reminder/Edit Reminder/Delete Reminder

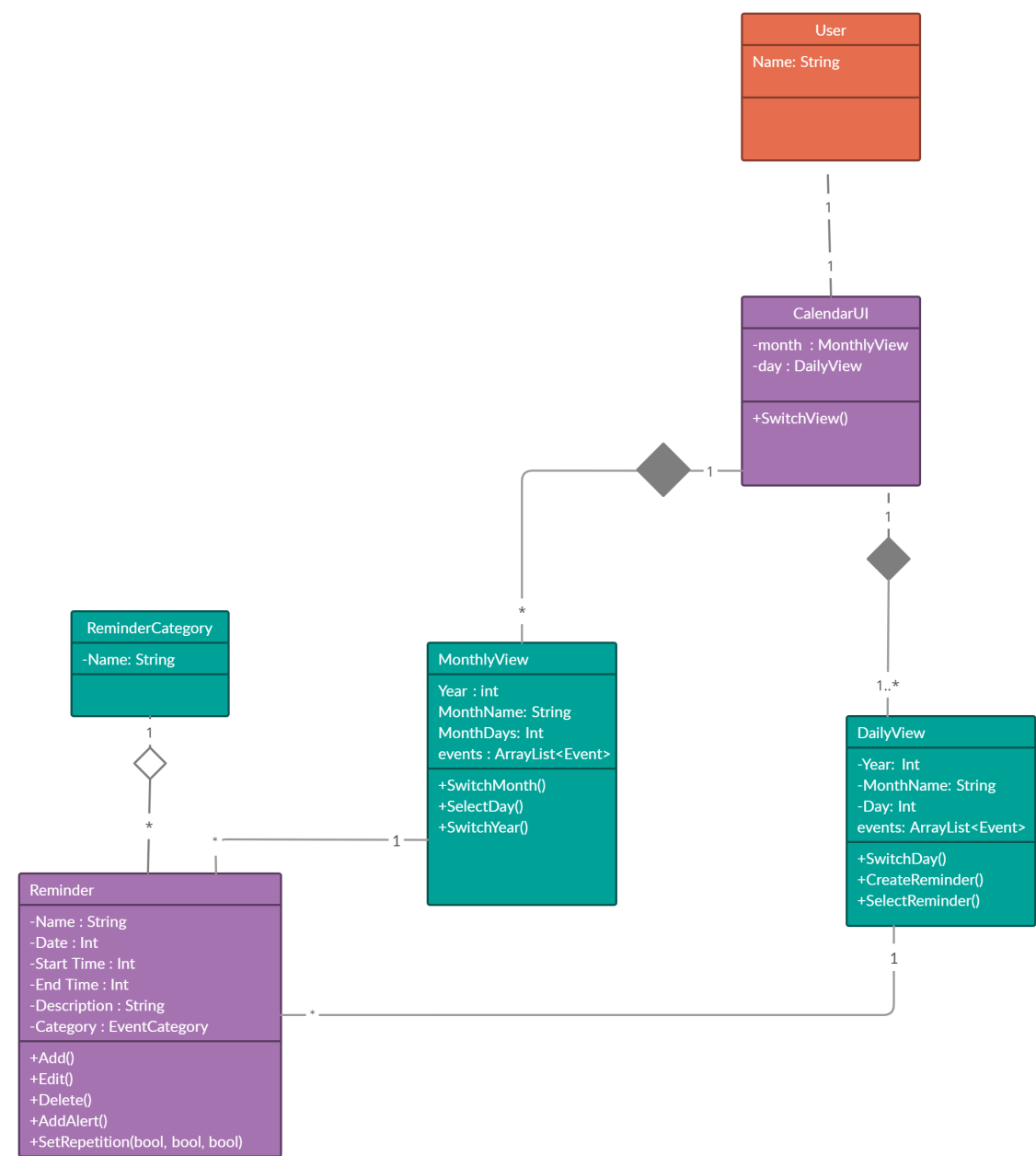


Specific Date View



CLASS DIAGRAM

1.3 Class Diagram



1.3.1 Definitions

User: It represents the users. The attribute name is a string value which identifies the name of the user. **Calendar UI:** It represents the ui of the calendar. The attributes month and day represent the month and day. the