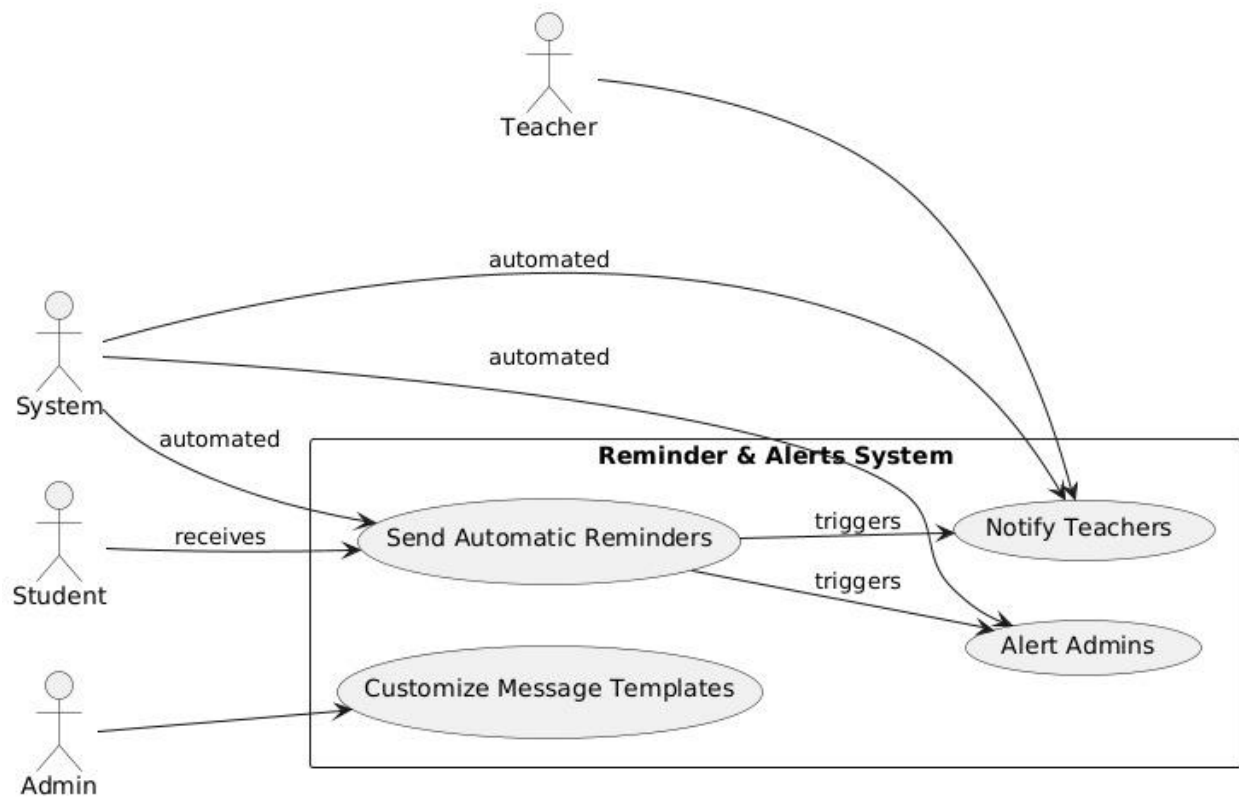


## Reminder and Alert System

### Use Case Diagram:



### Fully Dress Use Case Diagram:

**Use Case Name:** Reminder and Alert System

**Primary Actor:** System

**Supporting Actors:** Student

**Stakeholders and Interests:**

- **Students:** Want to receive timely reminders.
- **System:** Needs to ensure automated, timely reminders are sent to users.
- **Admins:** Need to configure templates used in reminders.
- **Teachers/Admins:** May be notified based on system events.

#### **Preconditions:**

- Students are registered in the system.
- Admin has configured message templates.

#### **Postconditions:**

- Students receive reminders.

- Notifications may be triggered to Teachers or Admins based on rules.

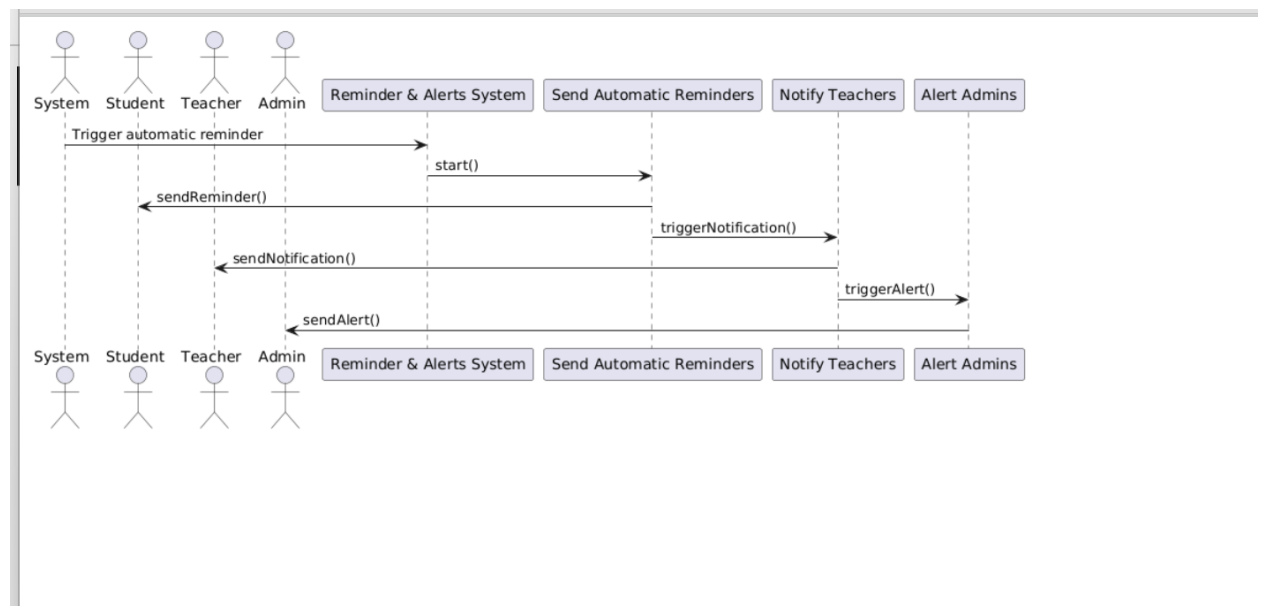
#### **Main Success Scenario (Basic Flow):**

1. The system detects a scheduled event requiring a reminder.
2. System pulls the appropriate message template.
3. System sends reminders to relevant students.
4. Based on logic, it may trigger notification to teachers.
5. If necessary, the system triggers an alert to admins.

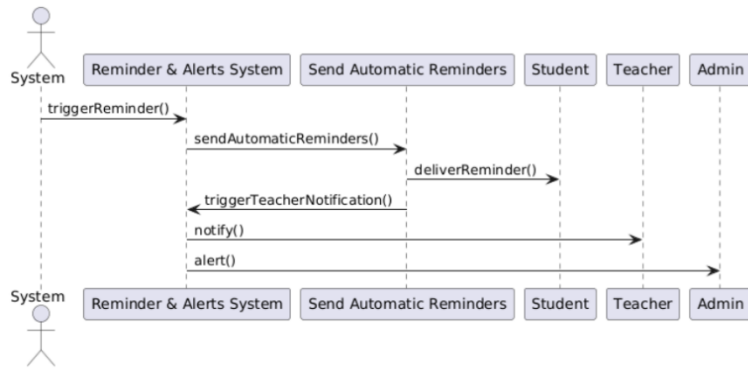
#### **Extensions (Alternative Flows):**

- 3a. If no template is configured, use default template.
- 4a. If teacher notification is disabled, skip Step 4.
- 5a. If admin alert is not needed, end process after Step 4.

#### **Sequence Diagram:**



#### **System Sequence Diagram:**



### Package Diagram:

