Sequence Diagram

1. Teachers Viewing the Tima Table
   This sequence diagram illustrates how Teachers view their updated timetable. The User Interface collects the teacher Id and processes the data. The Database shows the updated timetable of specific teacher. This interaction ensures a smooth and efficient view experience within the system.

2. Admin Assigning the Reliefs
   This sequence diagram showcases the process of assigning the reliefs within the system. First, admin selects the section, and the system displays a list of present and absent teachers. When admin clicks a teacher, the system will validate the information and the database will display the current timetable. When admin selects a specific period, the system validates, the database filters a list of free teachers to the specific period and displays it to the interface. After assigning the reliefs the system validates the information and updates it to a time sensitive database. The Backend processes the information, updates the Database, and generates a display message.

3. Admin Login
   This sequence diagram outlines the steps when admin login to the system. The system provides an interface to login and when admin enters the username and password it will validate the login information and display message.

4. Register a Teacher
   This sequence diagram illustrates the procedure for registering the teachers. Admin inputs the details to the given interface, then the system will validate the information and updates the databases. The Backend validates and processes the information, updating the Database.

5. Register an Admin
   This sequence diagram illustrates the step to register an admin. Admin inputs the details to the given interface, then the system will validate the information and updates the databases. The Backend validates and processes the information, updating the Database.