

MODULE-3 “Sign in and timetable creation”

3.1. DESCRIPTION OF THE MODULE:

Sign in: The “Step5” module allows user to sign into their account. This class is sign-in page for teachers, teachers can sign-in if they sign-ups, also. The user can either enter his name, collegeID, emailID and the password the user enters is the password, that the user enter initially during sign-up. Only if the password, and the name or collegeID or emailID matches the user can enter, this page is similar to any sign-IN page, also it has another forgot-password.

Forgot password: The “Step 6” module allows user to change the existing password.

Teacher’s Timetable: The “Step7” module allows the teachers to set their timetable.

This is one of the important page in the project. It allows the new teachers to allocate their own timetable. Just after signing-in the teacher’s can enter to this page, they can their update their old-timetable.

3.2. MOTIVATION OF THE MODULE:

The sign in class “Step5” was to implement a sign-in functionality for a Java application. The class was developed as part of a larger project that required user authentication and access control.

By providing a sign-in feature, the class enables users to securely access specific functionalities or resources within the application.

The Timetable class “Step7” to be building a graphical user interface (GUI) application for creating and managing timetables.

The motivation behind this class could be to streamline the process of timetable creation and management, making it more efficient and user-friendly for teachers or administrators who need to organize their schedules.

3.3 RELEVANCE OF THE MODULE IN THE SYSTEM:

The sign in part in the module assures that all user’s are valid individuals(teachers) of the collage. It also makes it easier for the admin to get the details of the faculties inside the campus. The other modules can be only accessed after logging in with your respective data.

The Timetable part in the module helps the faculties to allocate as well as update their timetables. The new teachers can create their own timetable. The faculties can update their timetables when they need and as a result time can be utilized in a more fruit full way. The teachers whose syllabus are pending can update their timetables to complete the time tables as well as use time effectively.

3.4. UML OF THE MODULE

3.4.1. UML of “Step5” Class.

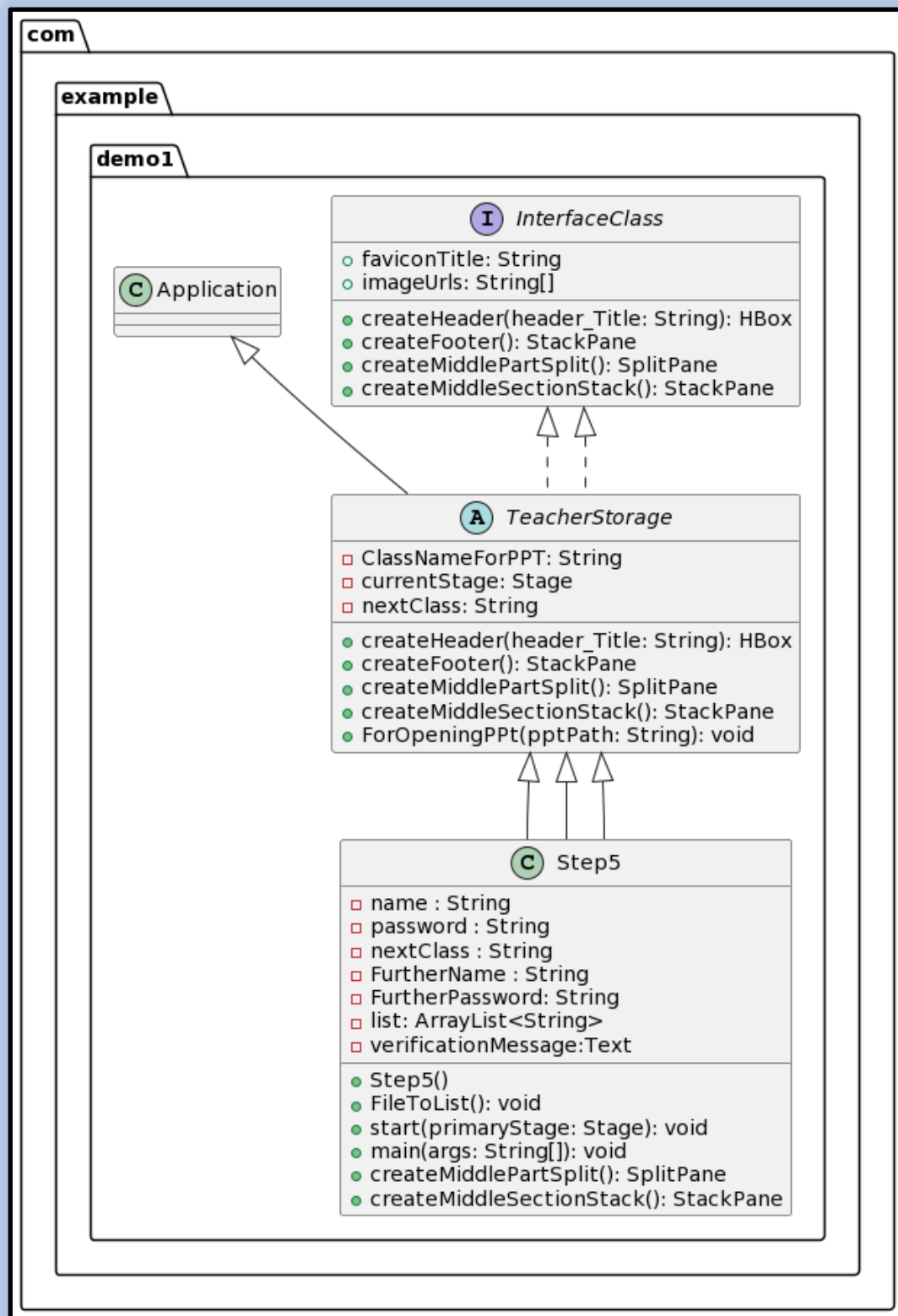


Figure 1 UML of “AdminAllTeachersInfo” Class.

3.4.2. UML of “Step6” Class.

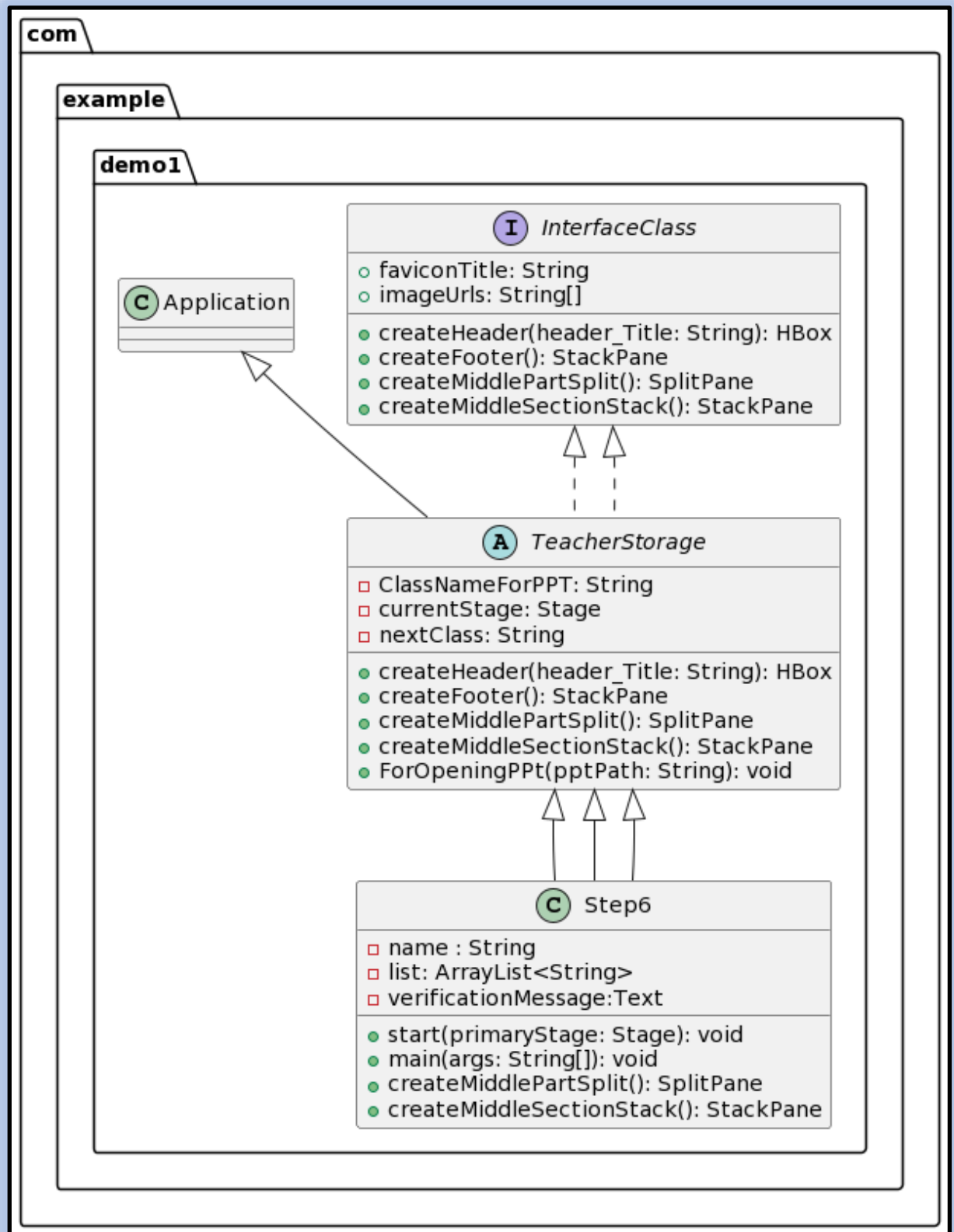


Figure 2 UML of Step6 Class.

3.4.3. UML Of “Step7” Class.

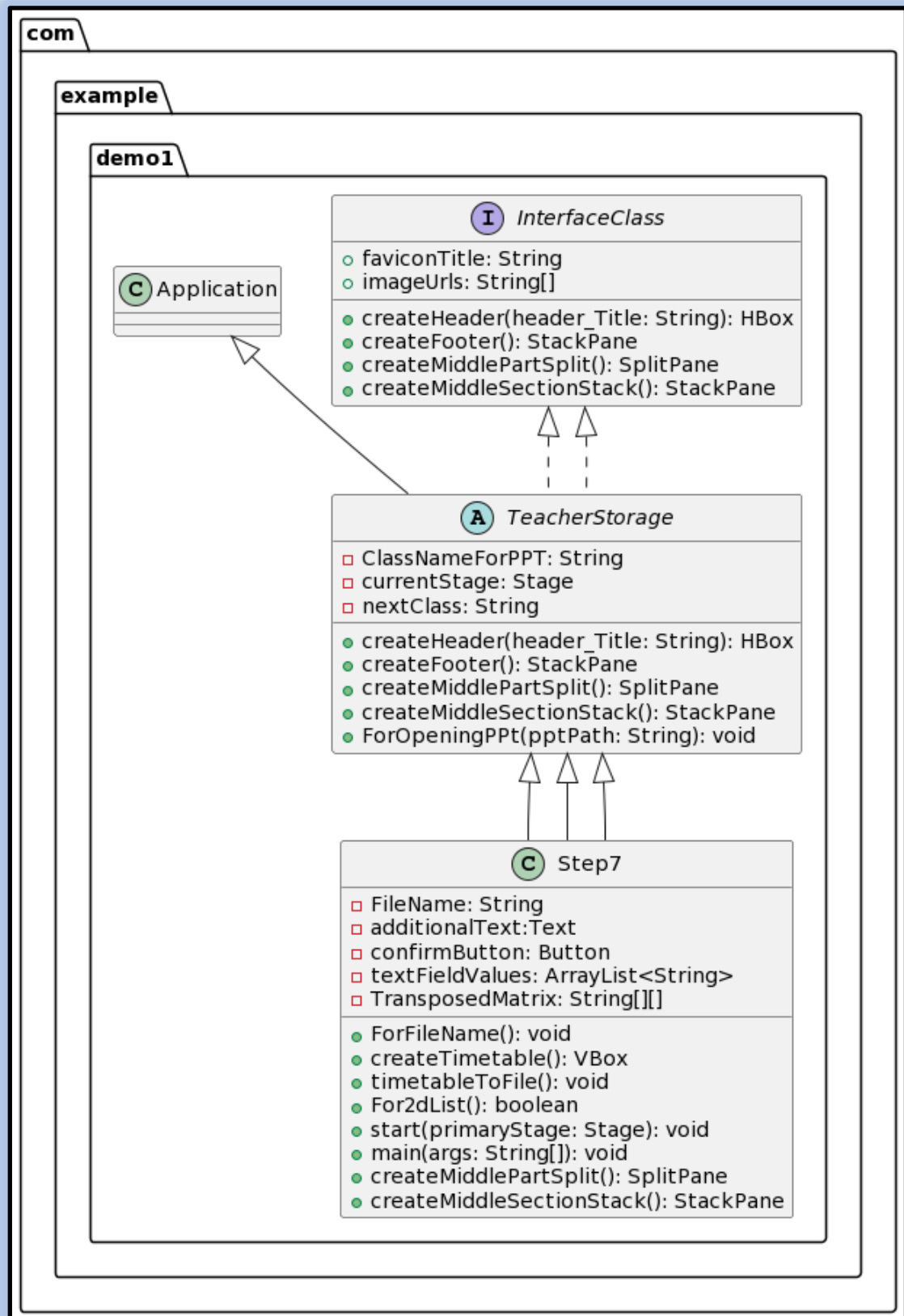


Figure 3 UML Of “Step7” Class.

1.4.4. UML Of Step1Contact Class.

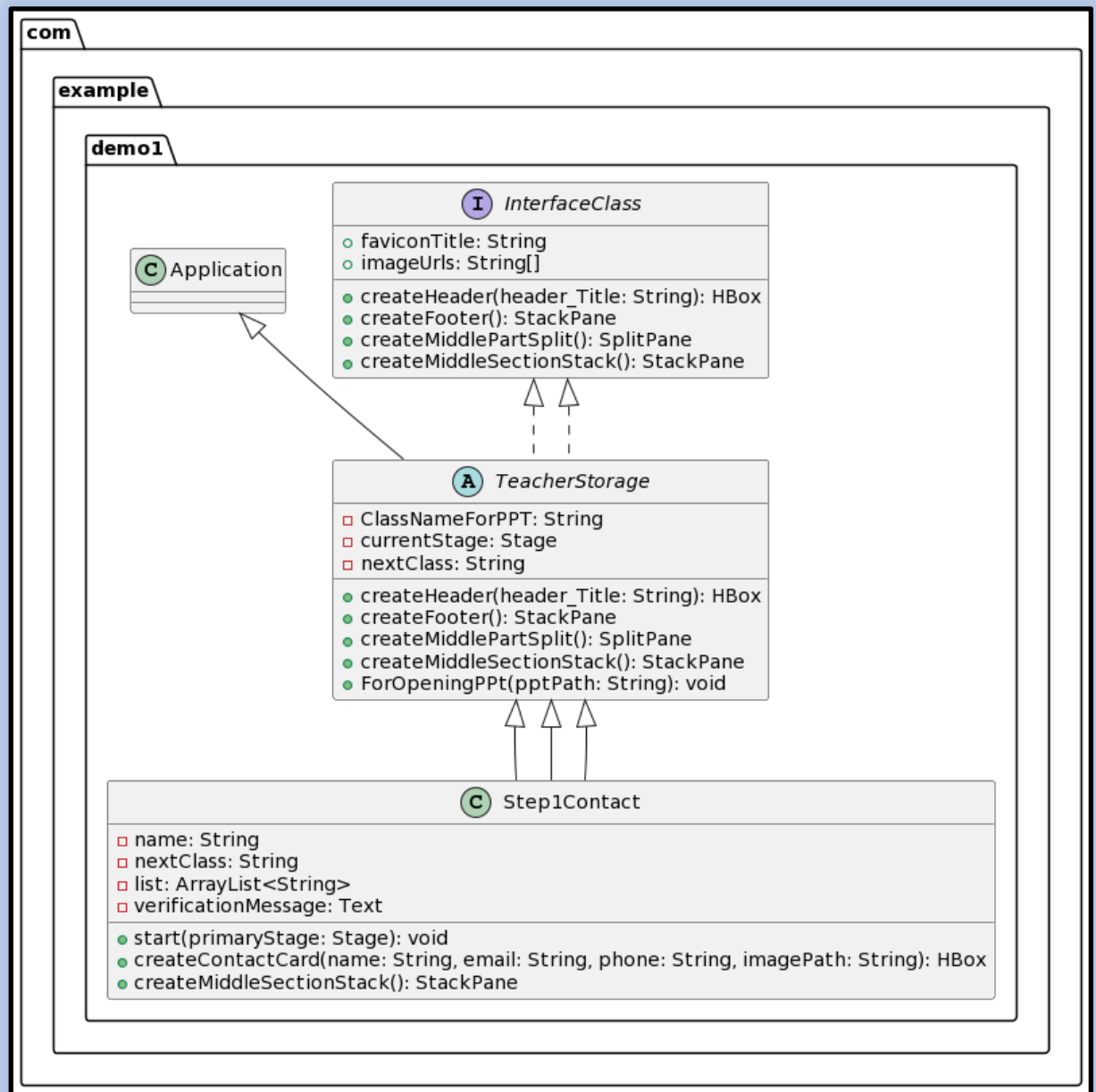
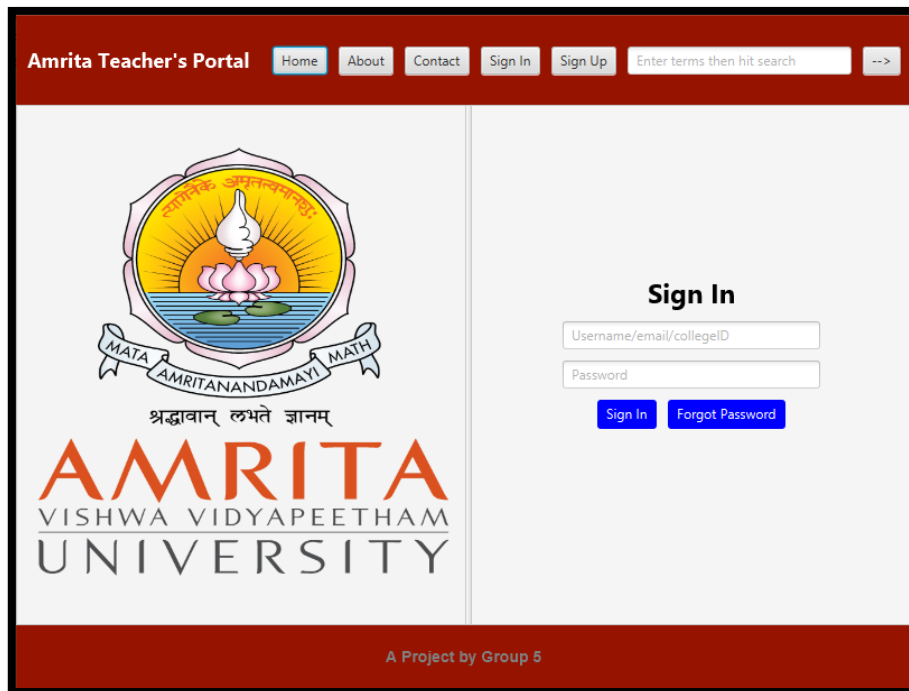


Figure 4 UML Of Step1Contact Class.

1.5. OUTPUT OF THE MODULE

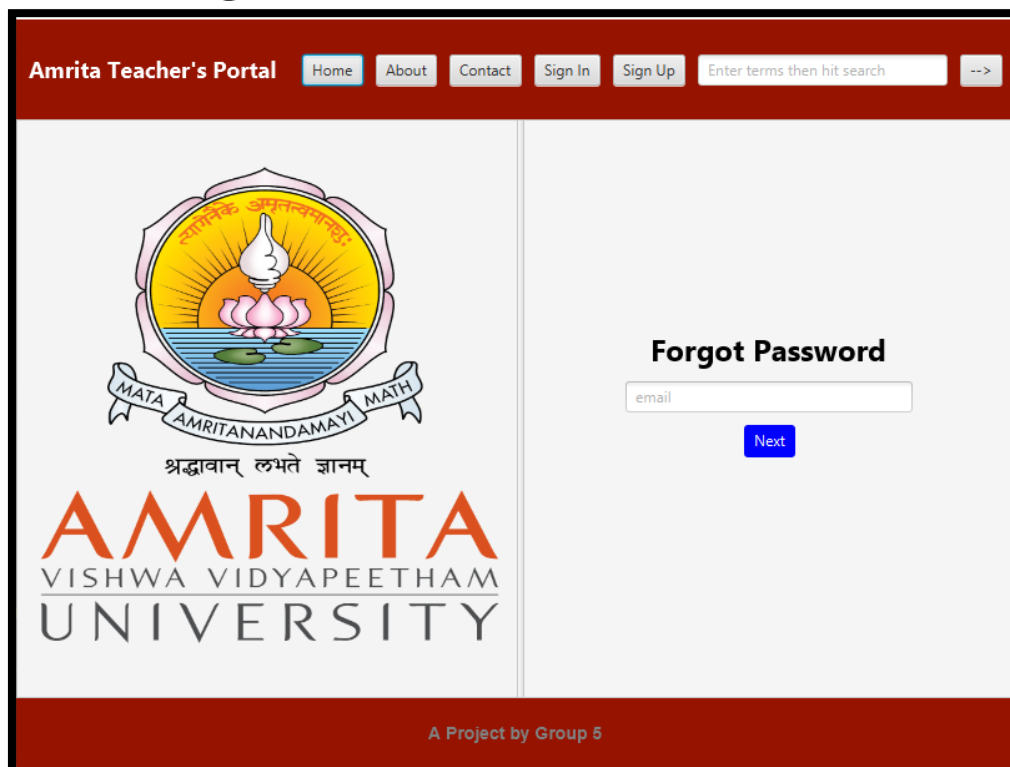
1.5.1. SignIn



The screenshot shows the 'Amrita Teacher's Portal' interface. The top navigation bar includes links for Home, About, Contact, Sign In, and Sign Up, along with a search bar. The main content area is split into two columns. The left column features the university's logo, which includes a lamp and the text 'MATA AMRITANANDAMAYI MATH' and 'श्रद्धावान् लभते ज्ञानम्'. Below the logo is the text 'AMRITA VISHWA VIDYAPEETHAM UNIVERSITY'. The right column is titled 'Sign In' and contains a form with two input fields: 'Username/email/collegeID' and 'Password'. Below these fields are two buttons: 'Sign In' and 'Forgot Password'. The footer of the page reads 'A Project by Group 5'.

Figure 5 Output Image Of SignIn.

1.5.2. Forgot Password



The screenshot shows the 'Amrita Teacher's Portal' interface for the 'Forgot Password' section. The top navigation bar is identical to the previous page. The main content area is split into two columns. The left column features the university's logo and the text 'AMRITA VISHWA VIDYAPEETHAM UNIVERSITY'. The right column is titled 'Forgot Password' and contains a form with a single input field labeled 'email'. Below this field is a blue button labeled 'Next'. The footer of the page reads 'A Project by Group 5'.

Figure 6 Output Image Of ForgotPassword.

1.5.3. Timetable

The screenshot shows the 'Amrita Teacher's Portal' with a navigation bar containing 'Home', 'About', 'Contact', 'Sign In', 'Sign Up', and a search bar. The main content area is titled 'Time Table' and displays a grid for scheduling classes. The grid has columns for 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', and 'Saturday'. The rows represent time slots: '9:00 am to 10:30 am', '10:40 am to 12:20 pm', '12:20 pm to 1:10 pm', and '2:30 pm to 4:10 pm'. Each cell in the grid contains three dropdown menus labeled 'Class 1', 'Class 2', and 'Class 3'. A 'Confirm' button is located at the bottom center of the grid. The footer of the page reads 'A Project by Group 5'.

Figure 7 Output Image Of TimeTable.

1.5.4. Contact.

The screenshot shows the 'Amrita Teacher's Portal' with a navigation bar containing 'Home', 'About', 'Contact', 'Sign In', 'Sign Up', and a search bar. The main content area is titled 'Contact Us' and displays three contact cards. Each card features a profile picture, a name, an email address, and a phone number. The first card is for 'Messi' with email 'Messi@example.com' and phone '123-456-7890'. The second card is for 'Ronaldo' with email 'Ronaldo@example.com' and phone '987-654-3210'. The third card is for 'Thalapathy Vijay' with email 'Vijay@example.com' and phone '555-555-5555'. A 'Submit Inquiry' button is located at the bottom center of the contact section. The footer of the page reads 'A Project by Group 5'.

Figure 8 Output Image Of Step1Contact.

