# 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.

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### *Figure 1 UML of “AdminAllTeachersInfo” Class.*

### 3.4.2. UML of “Step6” Class.

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**Figure 2** UML of Step6 Class.

### 3.4.3. UML Of “Step7” Class.

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**Figure 3** UML Of “Step7” Class.

### 1.4.4. UML Of Step1Contact Class.

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### *Figure 4 UML Of Step1Contact Class.*

## 1.5. OUTPUT OF THE MODULE

### 1.5.1. SignIn

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**Figure 5** Output Image Of SignIn.

## **1.5.2. Forgot Password**

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**Figure 6** Output Image Of ForgotPasssword.

### 1.5.3.Timetable

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**Figure 7** Output Image Of TimeTable.

### 1.5.4.Contact.

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**Figure 8** Output Image Of Step1Contact.