

1. STUDENT AS ACTOR

PROGRAM View Profile:

```
GOTO Login Page;
IF(login successful)
    THEN GOTO Profile Page;
ELSE
    SEND Error Alert;
    GOTO Login Page;
END IF;
```

PROGRAM Chat With Faculty:

```
GOTO Login Page;
IF (login successful)
    THEN
        GOTO Profile Page;
        CLICK Chat Button;
        SEARCH Faculty Name;
        IF (faculty name exists)
            THEN SEND Message;
        ELSE
            SEND Error Alert;
        END IF;
    ELSE
        SEND Error Alert;
        GOTO Login Page;
    END IF;
```

PROGRAM Send Thesis:

```
GOTO Login Page;
IF (login successful)
    THEN
        GOTO Profile Page;
        CLICK Send Thesis;
        SELECT Faculty;
        IF (faculty exists)
            THEN
                WRITE Message;
                UPLOAD File;
                IF (file is uploaded successfully)
```

```

        THEN Send Thesis;
        SEND Success Alert;
        GOTO Profile Page;
    ELSE
        SEND Error Alert;
        GOTO Profile Page;
    END IF;
ELSE
    SEND Error Alert;
    GOTO Profile Page;
END IF;
END IF;
END IF;

```

PROGRAM Access Notifications:

```

    GOTO Login Page;
    IF (login successful)
        THEN
            GOTO Profile Page;
            CLICK Notifications;
            IF (notifications pending)
                THEN
                    SELECT Message;
                    VIEW Message;
                ELSE
                    DO Nothing;
                END IF;
        ELSE
            Send Error Alert;
            GOTO Login Page;
        END IF;
    ELSE
        Send Error Alert;
        GOTO Login Page;
    END IF;

```

PROGRAM Open Time Table:

```

    GOTO Login Page;
    IF (login successful)
        THEN

```

```

        GOTO Profile Page;
        CLICK Time Table;
        IF (time table exists)
            THEN SHOW Time Table;
        ELSE
            SEND Error Alert;
        END IF;
    ELSE
        SEND Error Alert;
        GOTO Login Page;
    END IF;

PROGRAM Open Calendar:
    GOTO Login Page;
    IF (login successful)
        THEN
            GOTO Profile Page;
            CLICK Calendar;
            IF (calendar exists)
                THEN SHOW Calendar;
            ELSE
                SEND Error Alert;
            END IF;
        ELSE
            SEND Error Alert;
            GOTO Login Page;
        END IF;

```

2. FACULTY AS ACTOR

```

PROGRAM View Profile:
    GOTO Login Page;
    IF(login successful)
        THEN GOTO Profile Page;
    ELSE
        SEND Error Alert;
        GOTO Login Page;
    END IF;

```

PROGRAM Chat With Student:

```
GOTO Login Page;
IF (login successful)
    THEN
        GOTO Profile Page;
        CLICK Chat Button;
        SEARCH Student Name;
        IF (student name exists)
            THEN SEND Message;
        ELSE
            SEND Error Alert;
        END IF;
    ELSE
        SEND Error Alert;
        GOTO Login Page;
    END IF;
```

PROGRAM Upload Attendance:

```
GOTO Login Page;
IF (login successful)
    THEN
        GOTO Classes Page;
        SELECT Semester;
        IF (semester exists)
            THEN
                SELECT Section;
                IF (section exists)
                    THEN Mark Attendance;
                ELSE
                    SEND Error Alert;
                    GOTO Classes Page;
                END IF;
            ELSE
                SEND Error Alert;
                GOTO Classes Page;
            END IF;
    ELSE
        Send Error Alert;
        GOTO Login Page;
    END IF;
```

PROGRAM Review Thesis:

```
GOTO Login Page;
IF (login successful)
    THEN
        GOTO Profile Page;
        CLICK Thesis Review;
        GOTO Thesis Review Page;
        IF (review pending)
            THEN
                CLICK Pending Thesis;
                DOWNLOAD File;
                IF (file downloaded)
                    TYPE Review;
                    APPROVE Thesis OR REJECT Thesis;
                ELSE
                    SEND Error Alert;
                    GOTO Thesis Review Page;
                END IF;
            ELSE
                DO Nothing;
            END IF;
    ELSE
        SEND Error Alert;
        GOTO Login Page;
    END IF;
```

PROGRAM Upload Marks:

```
GOTO Login page;
IF (login successful)
    THEN
        GOTO Profile Page;
        GOTO Classes Page;
        SELECT Semester;
        IF (semester exists)
            THEN
                Select Section;
                IF (section exists)
                    THEN Upload Marks;
                ELSE
```

```

                                SEND Error Alert;
                                GOTO Classes Page;
                                END IF;
                                ELSE
                                    SEND Error Alert;
                                    GOTO Classes Page;
                                END IF;
                                ELSE
                                    SEND Error Alert;
                                    GOTO Login Page;
                                END IF;

PROGRAM Send Notifications:
    GOTO Login Page;
    IF (login successful)
        THEN
            GOTO Profile Page;
            CLICK Notifications;
            SELECT Send Notification;
            POST Message;
            SELECT Recipients;
            IF (recipients exist)
                THEN SEND Message;
            ELSE
                SEND Error Alert;
            END IF;
        ELSE
            SEND Error Alert;
            GOTO Login Page;
        END IF;

PROGRAM Access Notifications:
    GOTO Login Page;
    IF (login successful)
        THEN
            GOTO Profile Page;
            CLICK Notifications;
            IF (notifications pending)
                THEN
                    SELECT Message;

```

```

        VIEW Message;

    ELSE
        DO Nothing;
    END IF;

ELSE
    Send Error Alert;
    GOTO Login Page;
END IF;

PROGRAM Open Time Table:
    GOTO Login Page;
    IF (login successful)
        THEN
            GOTO Profile Page;
            CLICK Time Table;
            IF (time table exists)
                THEN SHOW Time Table;
            ELSE
                SEND Error Alert;
            END IF;
        ELSE
            SEND Error Alert;
            GOTO Login Page;
        END IF;

PROGRAM Open Calendar:
    GOTO Login Page;
    IF (login successful)
        THEN
            GOTO Profile Page;
            CLICK Calendar;
            IF (calendar exists)
                THEN SHOW Calendar;
            ELSE
                SEND Error Alert;
            END IF;
        ELSE
            SEND Error Alert;
            GOTO Login Page;

```

```
END IF;
```

3. ADMIN AS ACTOR

```
PROGRAM View Profile:
```

```
    GOTO Login Page;  
    IF(login successful)  
        THEN GOTO Profile Page;  
    ELSE  
        SEND Error Alert;  
        GOTO Login Page;  
    END IF;
```

```
PROGRAM Send Notifications:
```

```
    GOTO Login Page;  
    IF (login successful)  
        THEN  
            GOTO Profile Page;  
            CLICK Notifications;  
            SELECT Send Notification;  
            POST Message;  
            SELECT Recipients;  
            IF (recipients exist)  
                THEN SEND Message;  
            ELSE  
                SEND Error Alert;  
            END IF;  
        ELSE  
            SEND Error Alert;  
            GOTO Login Page;  
        END IF;
```

```
PROGRAM Access Notifications:
```

```
    GOTO Login Page;  
    IF (login successful)  
        THEN  
            GOTO Profile Page;  
            CLICK Notifications;  
            IF (notifications pending)  
                THEN
```



```

        SELECT Message;
        VIEW Message;

    ELSE
        DO Nothing;
    END IF;

ELSE
    Send Error Alert;
    GOTO Login Page;
END IF;

PROGRAM Upload Calendar:
    GOTO Login Page;
    IF (login successful)
        THEN
            GOTO Profile Page;
            CLICK Calendar;
            CLICK Update;
            UPLOAD File;
            IF (file upload successful)
                THEN CLICK Save;
            ELSE
                SEND Error Alert;
            END IF;
        ELSE
            SEND Error Alert;
            GOTO Login Page;
        END IF;

PROGRAM Upload Time Table:
    GOTO Login page;
    IF (login successful)
        THEN
            GOTO Profile Page;
            GOTO Classes Page;
            SELECT Semester;
            IF (semester exists)
                THEN
                    Select Section;
                    IF (section exists)

```

```

                                THEN
                                    CLICK Update Time Table;
                                    UPLOAD File;
                                    IF (file upload successful)
                                        THEN CLICK SAVE;
                                    ELSE
                                        SEND Error Alert;
                                    END IF;
                                ELSE
                                    SEND Error Alert;
                                    GOTO Classes Page;
                                END IF;
                            ELSE
                                SEND Error Alert;
                                GOTO Classes Page;
                            END IF;
                        ELSE
                            SEND Error Alert;
                            GOTO Login Page;
                        END IF;

PROGRAM Update Profile:
IF (login successful)
    THEN
        GOTO Profile Page;
        GOTO Users Page;
        SELECT User;
        IF (user exists)
            THEN Update Profile;
        ELSE
            SEND Error Alert;
        END IF;
    ELSE
        SEND Error Alert;
        GOTO Login Page;
    END IF;

```