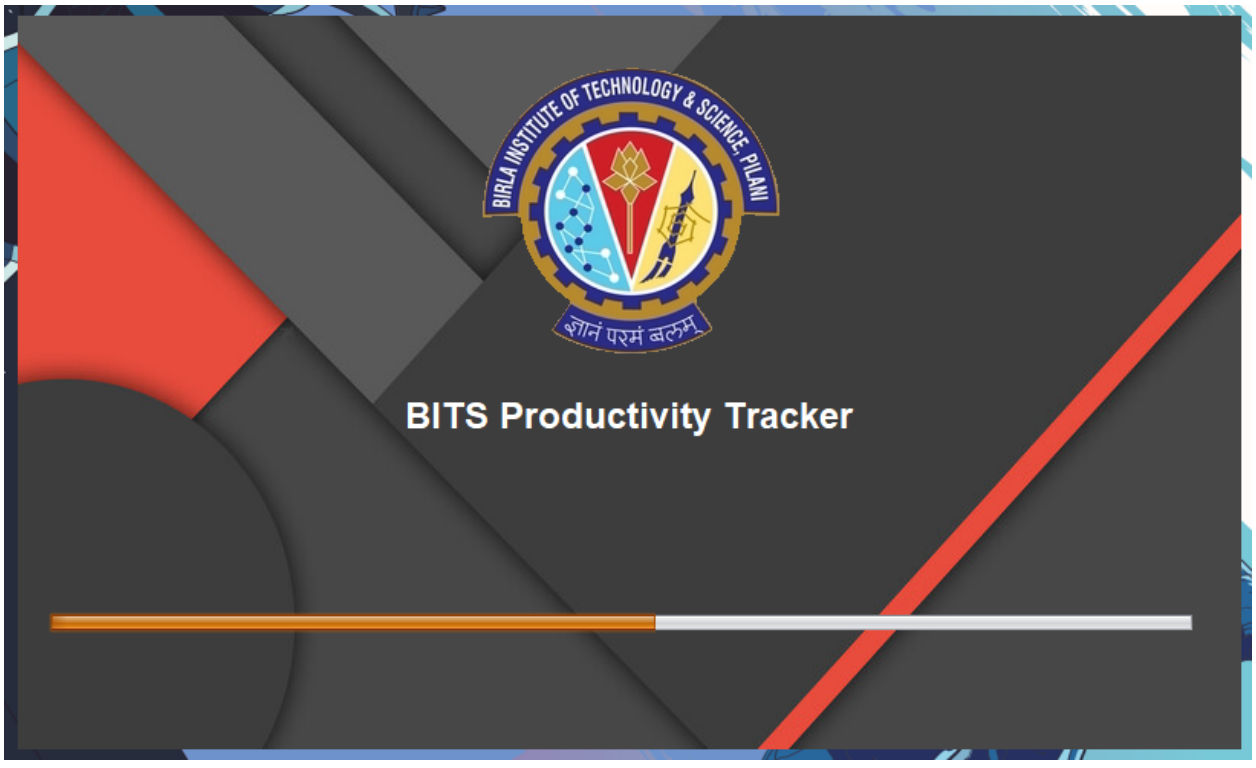
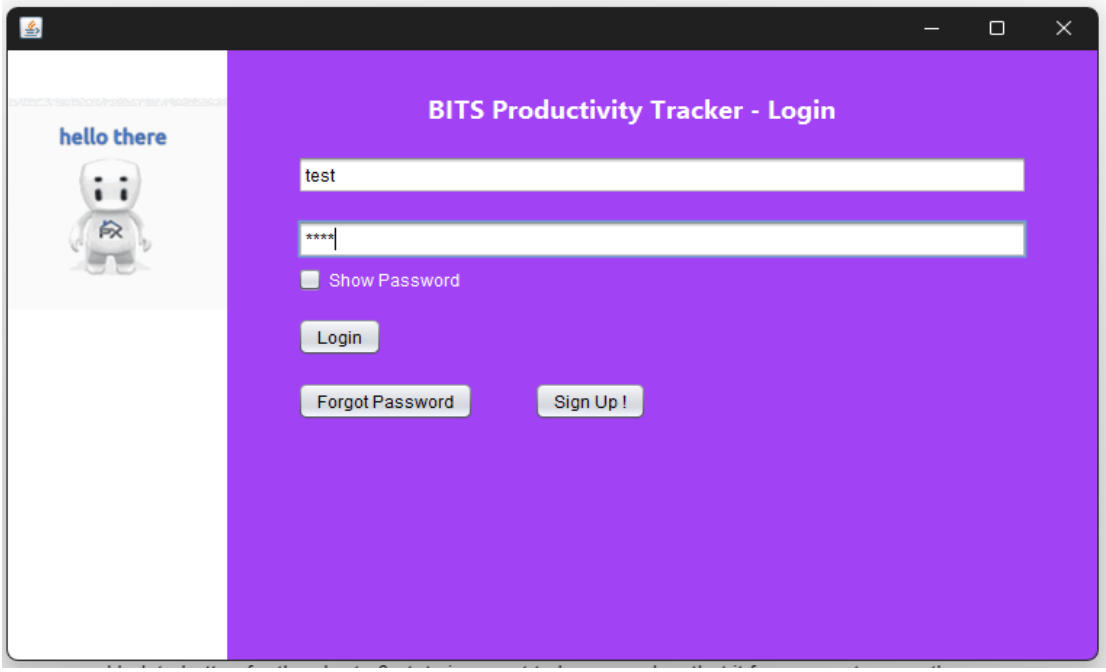
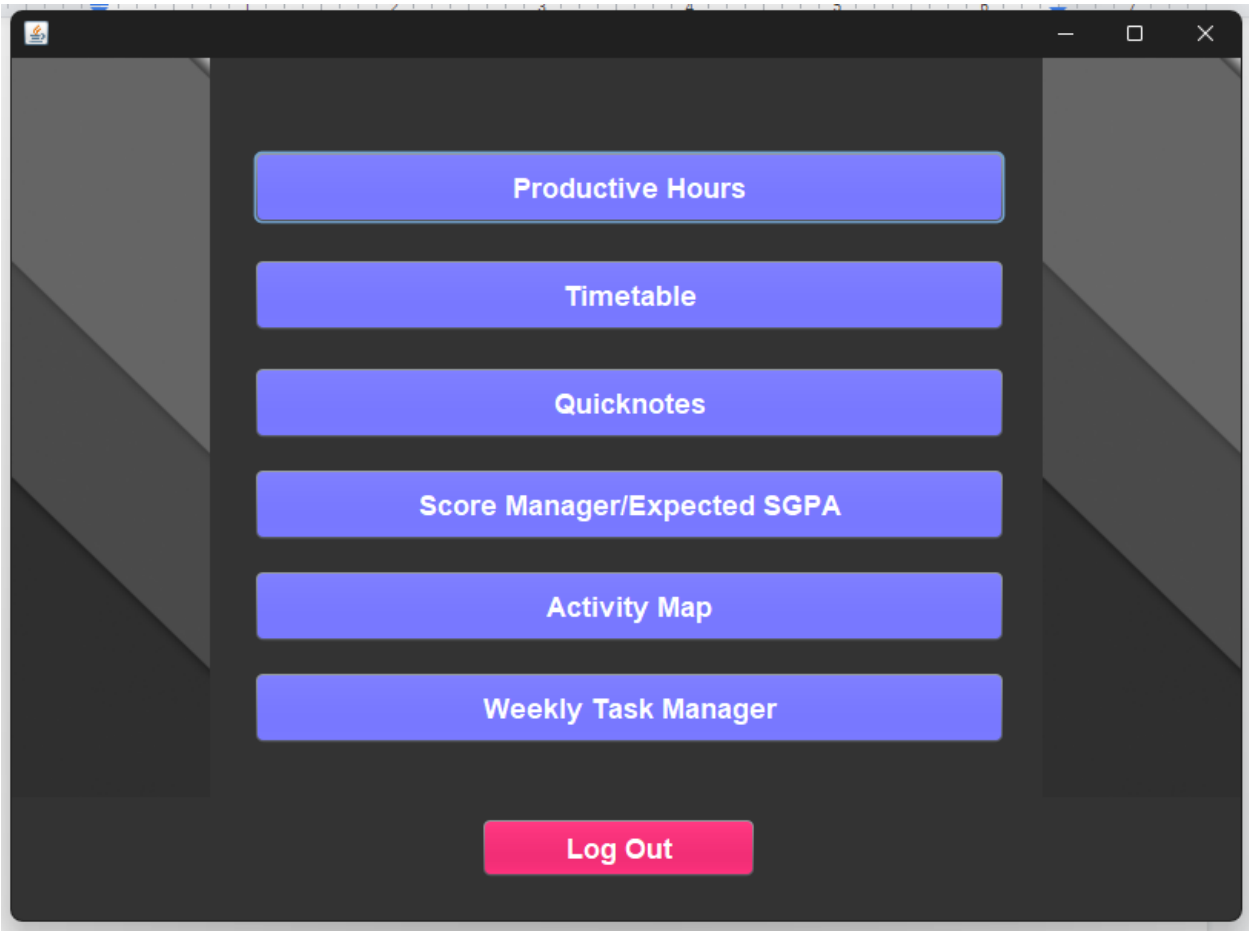
My-Productivity-Tracker

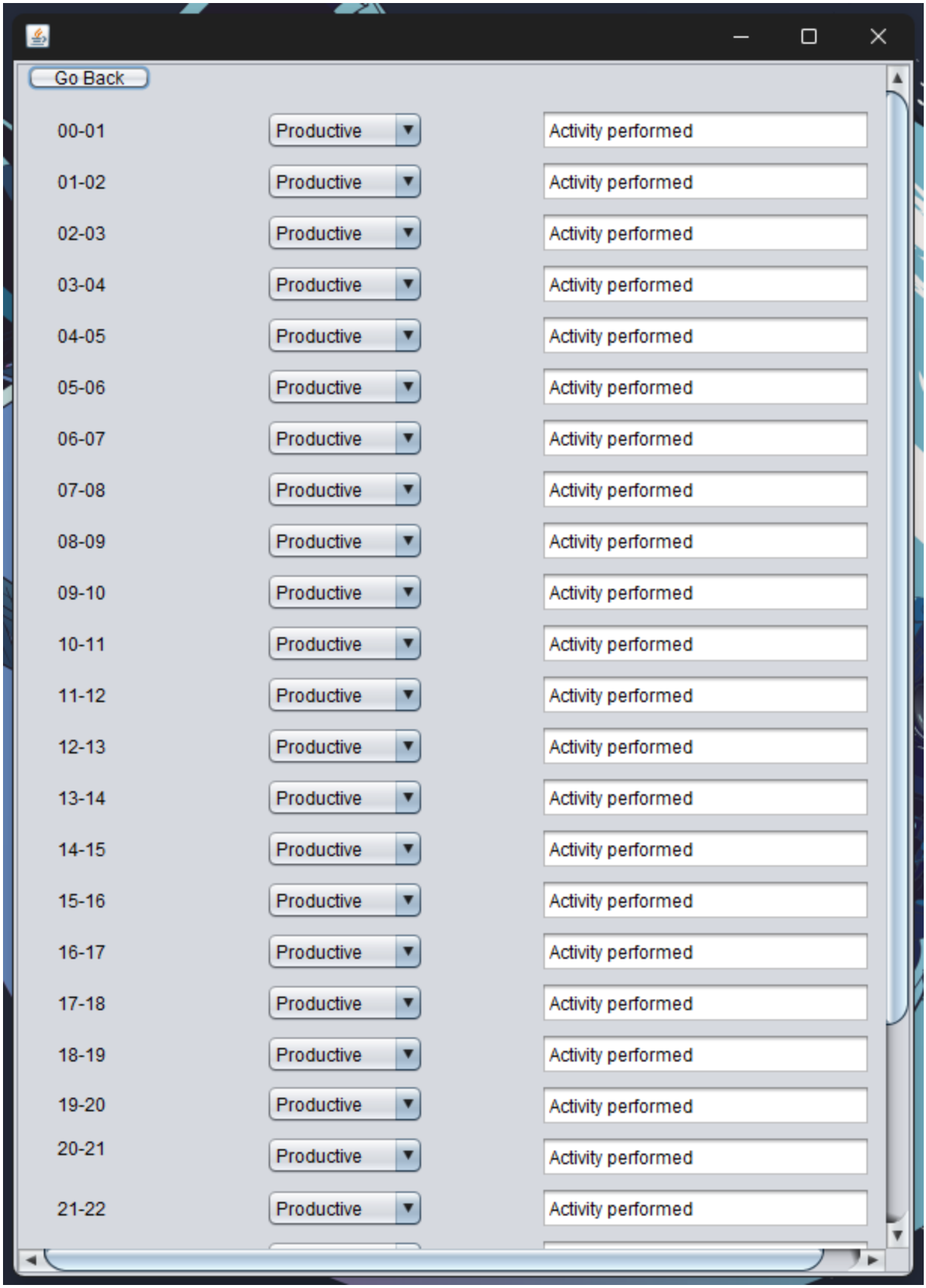
Minimalist Java desktop app to track student productivity throughout the day, manage his/her time table/grades, maintain notes, etc. using simple t stats to help you be more aware of the time you're doing what you should be doing, generating an activity map for the whole year, maintaining a To-do list, list his/her expected grades.. Java Swing GUI.

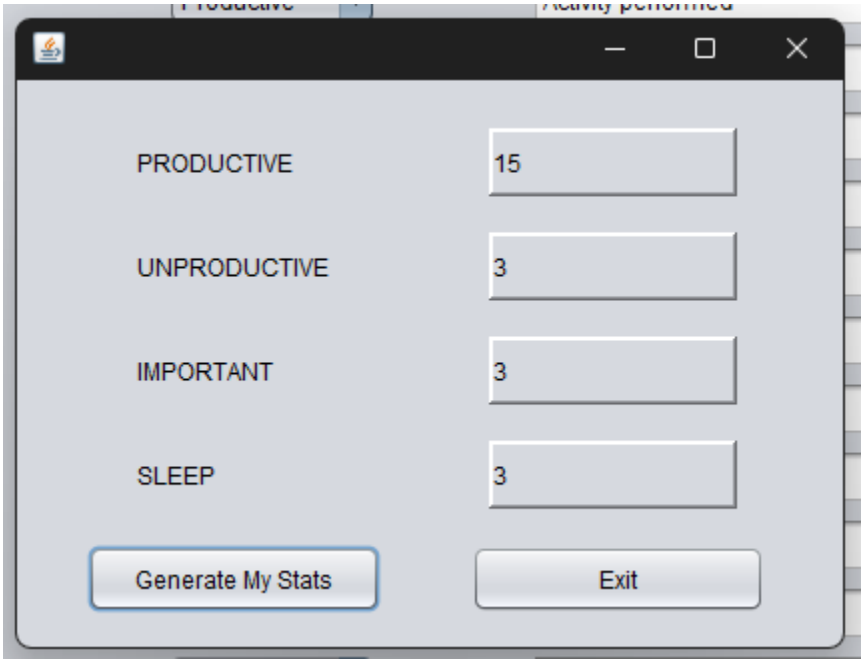
App Use Instance SnapShot:

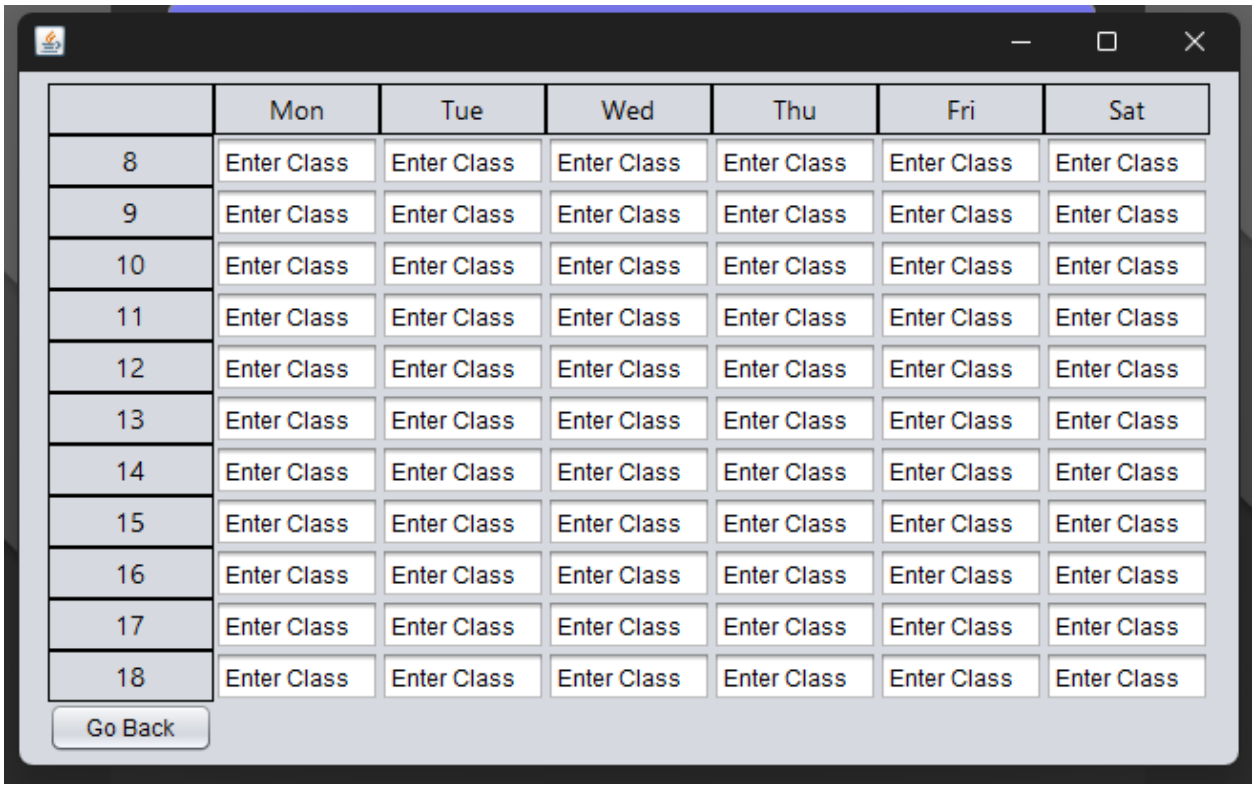


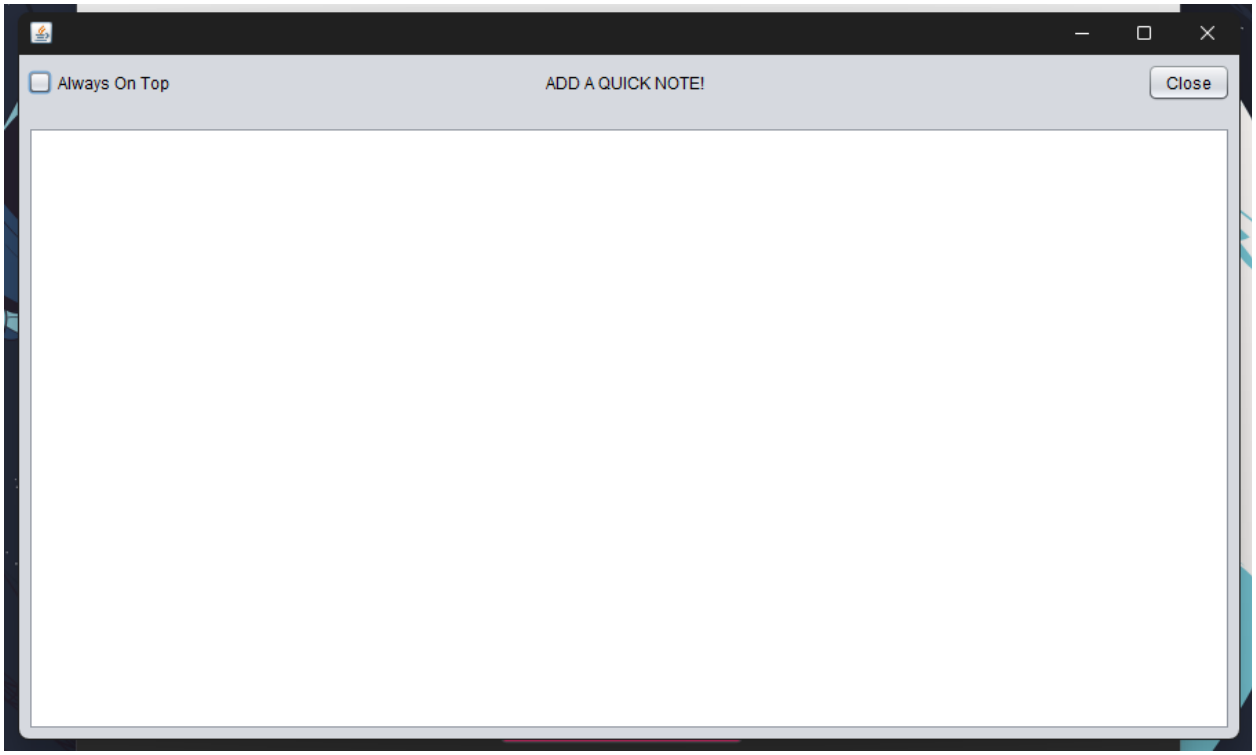

hello there
BITS Productivity Tracker - Login
test
****
Show Password
Login
Forgot Password
Sign Up !

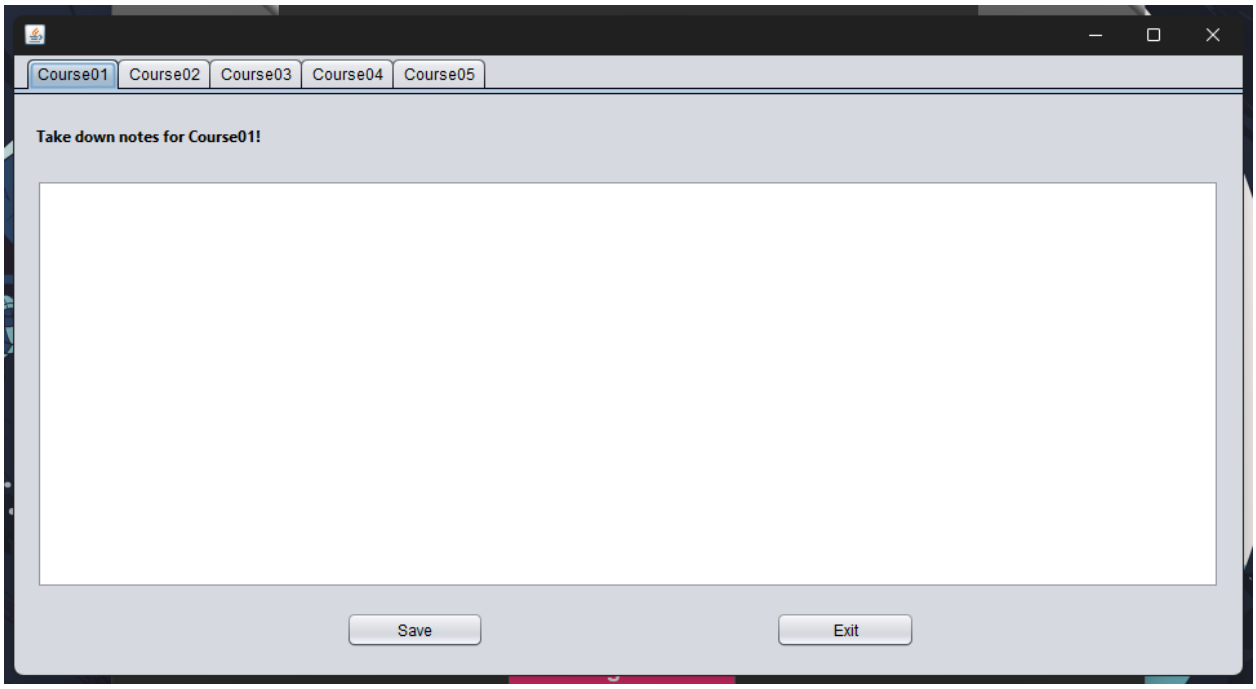

Productive Hours
Timetable
Quicknotes
Score Manager/Expected SGPA
Activity Map
Weekly Task Manager
Log Out

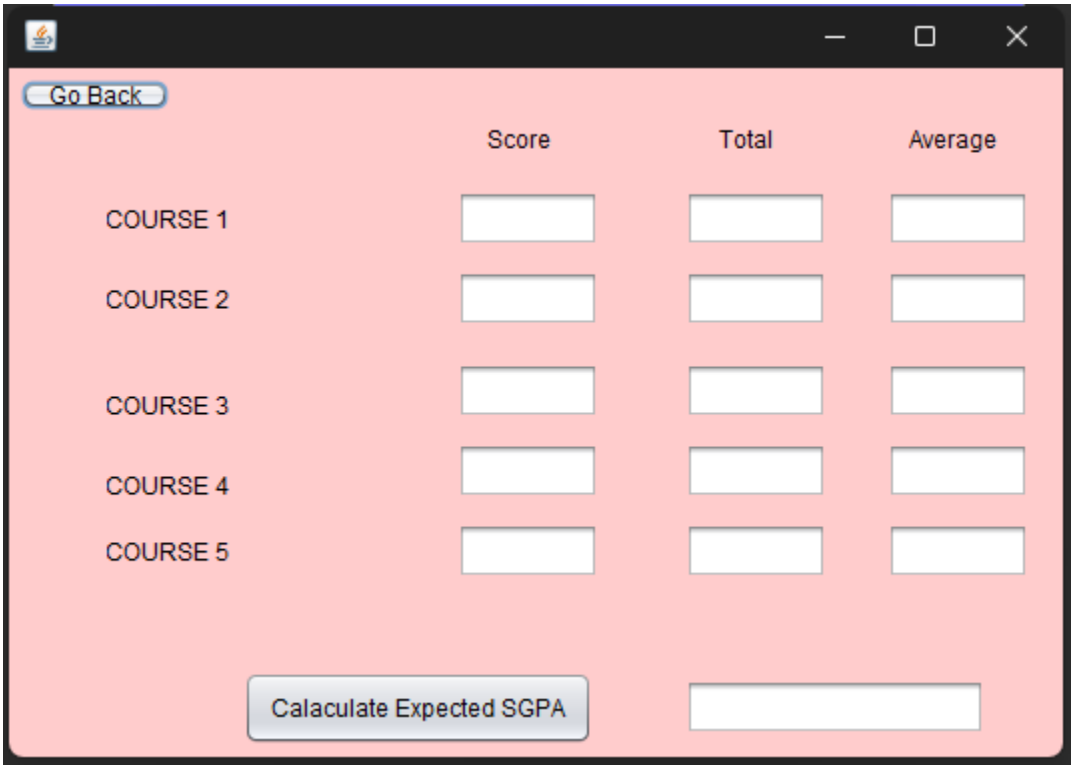

Go Back
00-01
Productive
Activity performed
01-02
Productive
Activity performed
02-03
Productive
Activity performed
03-04
Productive
Activity performed
04-05
Productive
Activity performed
05-06
Productive
Activity performed
06-07
Productive
Activity performed
07-08
Productive
Activity performed
08-09
Productive
Activity performed
09-10
Productive
Activity performed
10-11
Productive
Activity performed
11-12
Productive
Activity performed
12-13
Productive
Activity performed
13-14
Productive
Activity performed
14-15
Productive
Activity performed
15-16
Productive
Activity performed
16-17
Productive
Activity performed
17-18
Productive
Activity performed
18-19
Productive
Activity performed
19-20
Productive
Activity performed
20-21
Productive
Activity performed
21-22
Productive
Activity performed

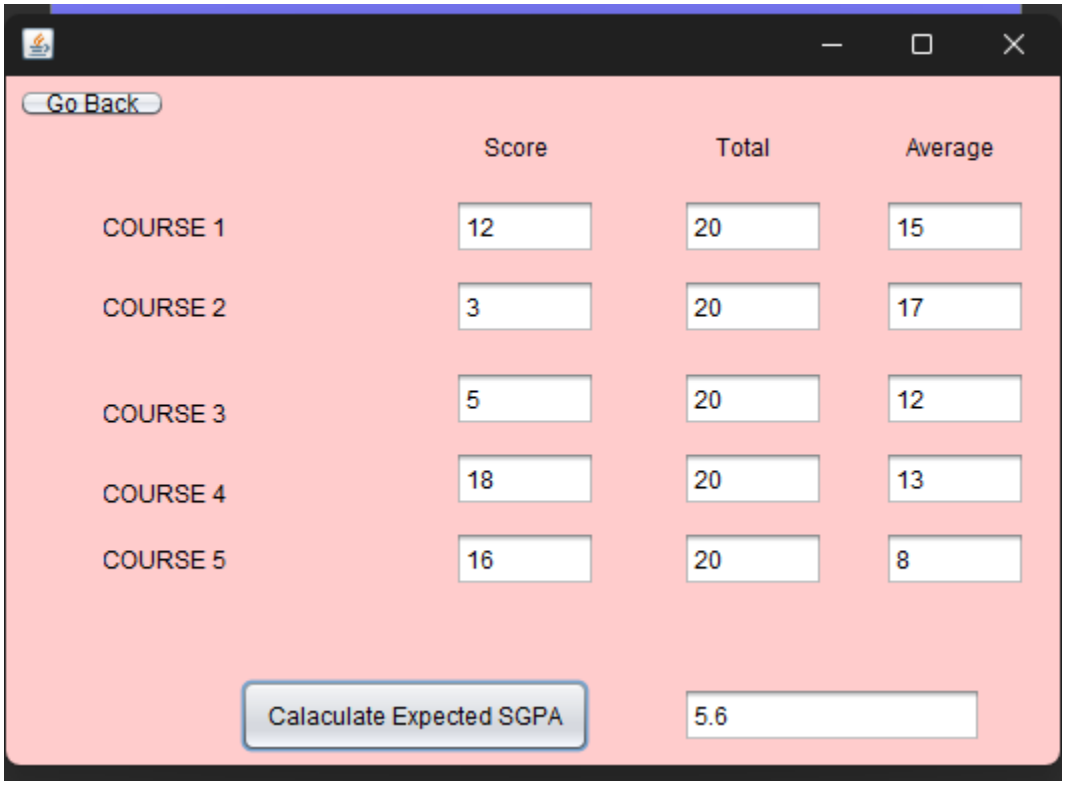

PRODUCTIVE
15
UNPRODUCTIVE
3
IMPORTANT
3
SLEEP
3
Generate My Stats
Exit

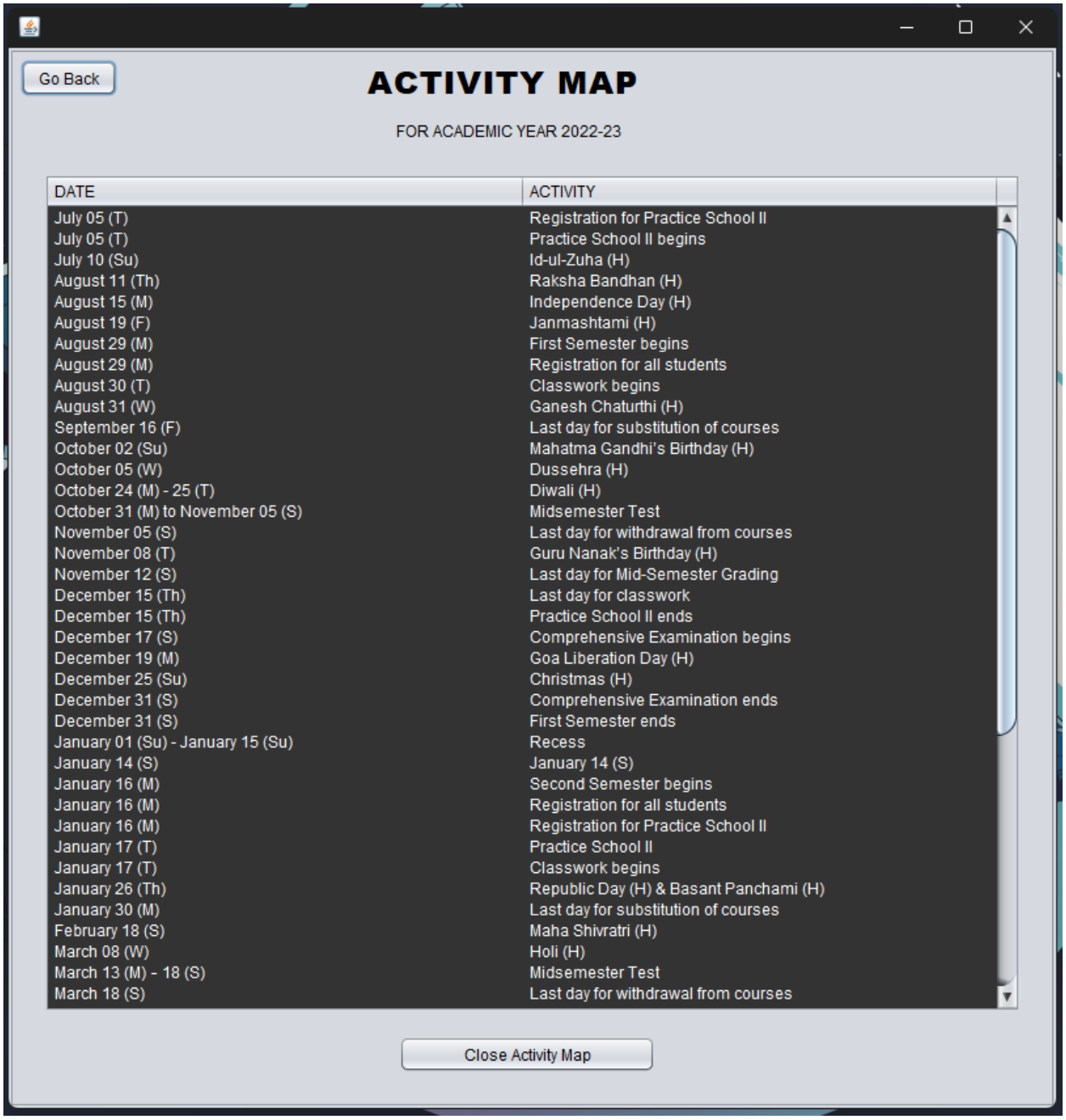

Mon
Tue
Wed
Thu
Fri
Sat
8
9
10
11
12
13
14
15
16
17
18
Enter Class
Go Back

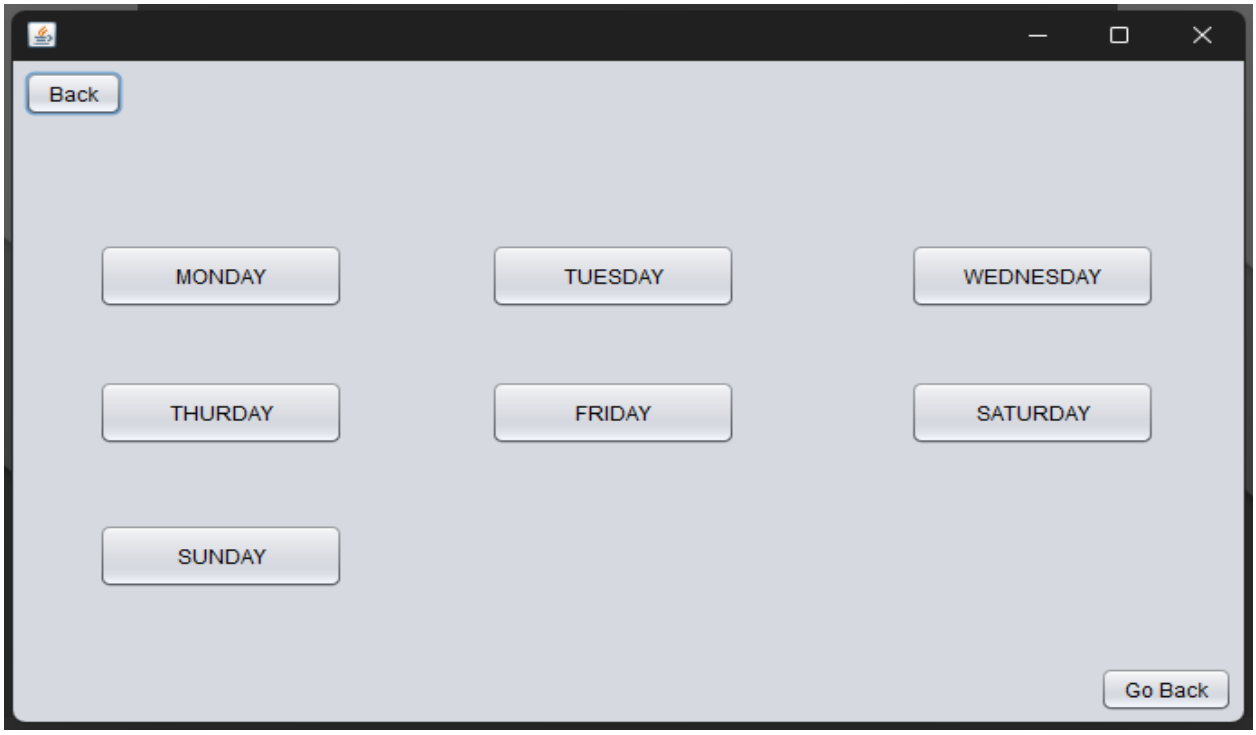

Always On Top
ADD A QUICK NOTE!
Close

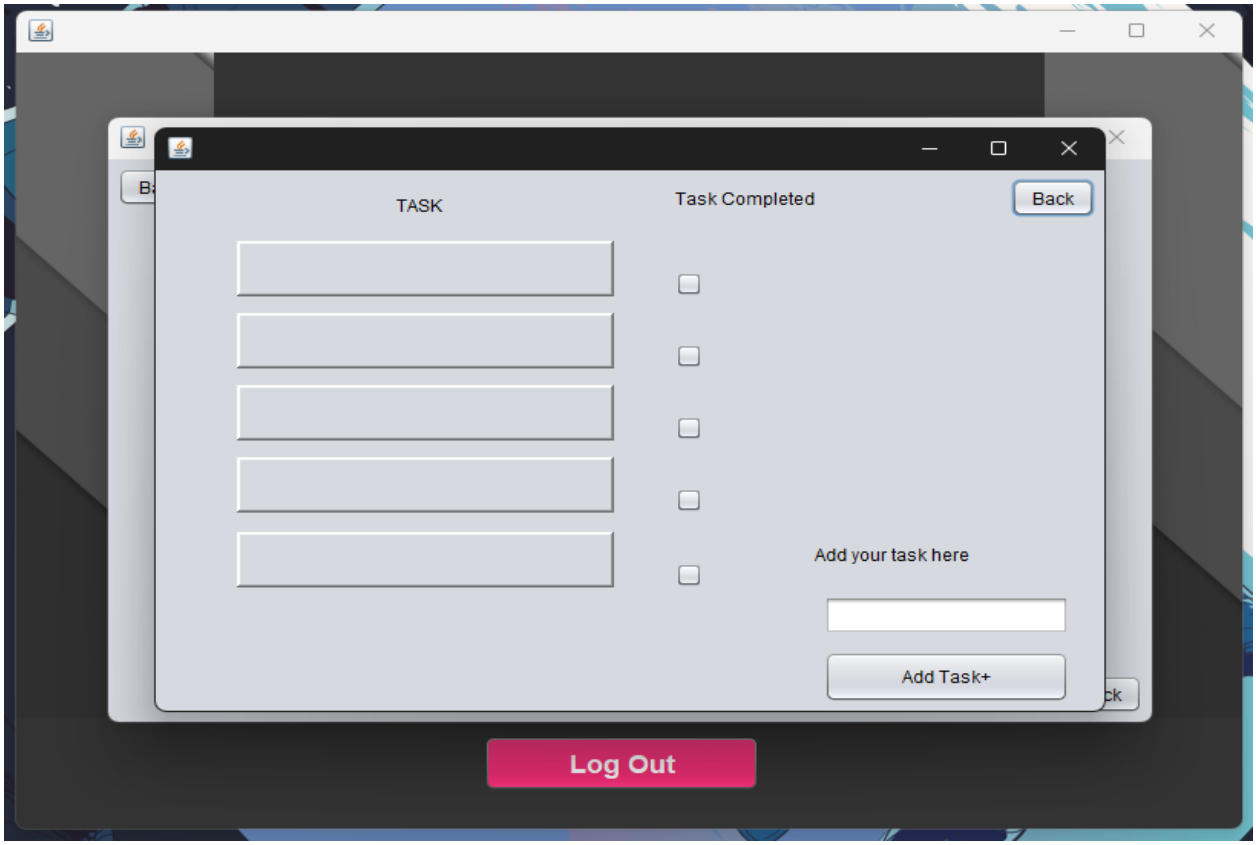

Course01
Course02
Course03
Course04
Course05
Take down notes for Course01!
Save
Exit

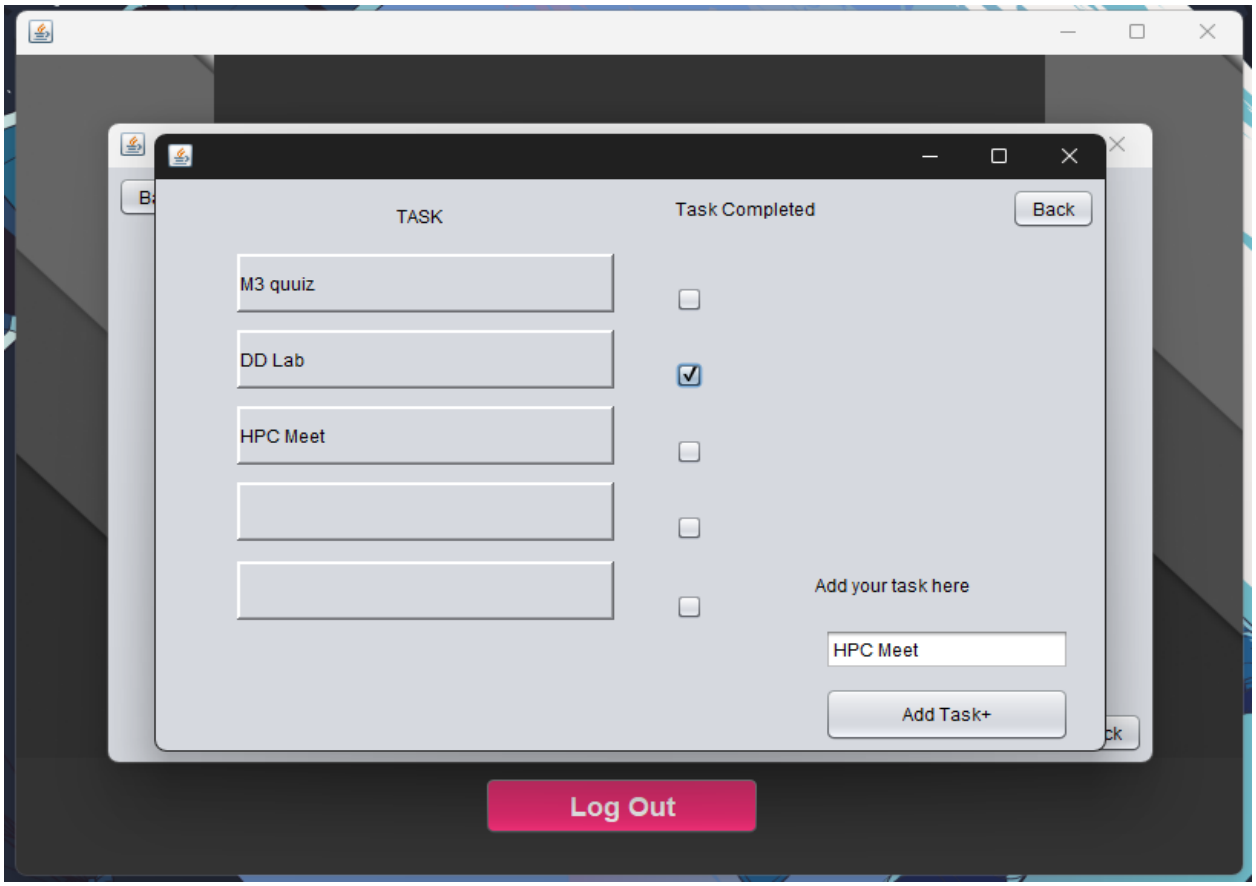

Go Back
Score
Total
Average
COURSE 1
COURSE 2
COURSE 3
COURSE 4
COURSE 5
Calaculate Expected SGPA

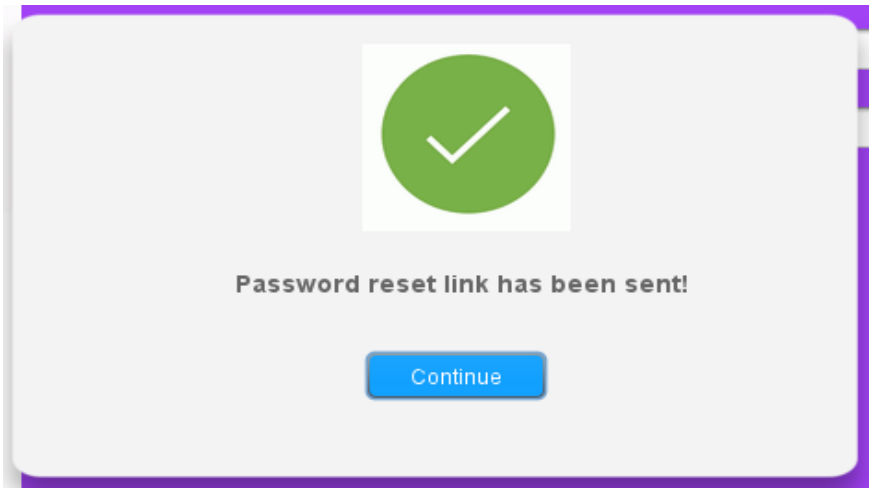

Go Back
Score
Total
Average
COURSE 1
12
20
15
COURSE 2
3
20
17
COURSE 3
5
20
12
COURSE 4
18
20
13
COURSE 5
16
20
8
Calaculate Expected SGPA
5.6

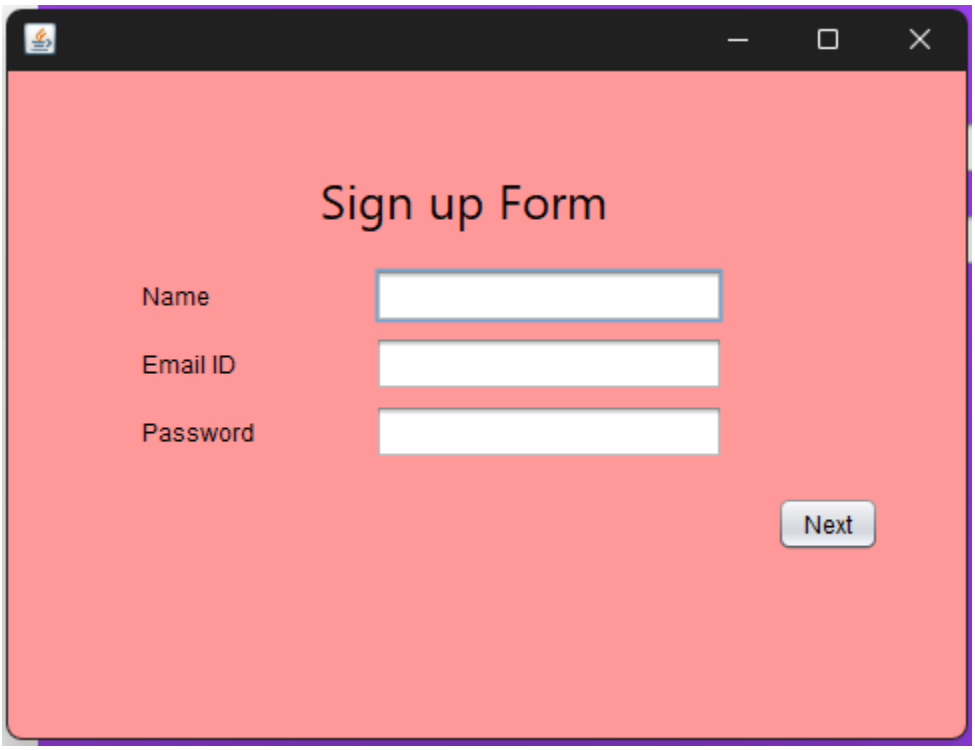

Go Back
ACTIVITY MAP
FOR ACADEMIC YEAR 2022-23
DATE
ACTIVITY
July 05 (T)
Registration for Practice School II
July 05 (T)
Practice School II begins
July 10 (Su)
Id-ul-Zuha (H)
August 11 (Th)
Raksha Bandhan (H)
August 15 (M)
Independence Day (H)
August 19 (F)
Janmashtami (H)
August 29 (M)
First Semester begins
August 29 (M)
Registration for all students
August 30 (T)
Classwork begins
August 31 (W)
Ganesh Chaturthi (H)
September 16 (F)
Last day for substitution of courses
October 02 (Su)
Mahatma Gandhi's Birthday (H)
October 05 (W)
Dussehra (H)
October 24 (M) - 25 (T)
Diwali (H)
October 31 (M) to November 05 (S)
Midsemester Test
November 05 (S)
Last day for withdrawal from courses
November 08 (T)
Guru Nanak's Birthday (H)
November 12 (S)
Last day for Mid-Semester Grading
December 15 (Th)
Last day for classwork
December 15 (Th)
Practice School II ends
December 17 (S)
Comprehensive Examination begins
December 19 (M)
Goa Liberation Day (H)
December 25 (Su)
Christmas (H)
December 31 (S)
Comprehensive Examination ends
December 31 (S)
First Semester ends
January 01 (Su) - January 15 (Su)
Recess
January 14 (S)
January 14 (S)
January 16 (M)
Second Semester begins
January 16 (M)
Registration for all students
January 16 (M)
Registration for Practice School II
January 17 (T)
Practice School II
January 17 (T)
Classwork begins
January 26 (Th)
Republic Day (H) & Basant Panchami (H)
January 30 (M)
Last day for substitution of courses
February 18 (S)
Maha Shivratri (H)
March 08 (W)
Holi (H)
March 13 (M) - 18 (S)
Midsemester Test
March 18 (S)
Last day for withdrawal from courses
Close Activity Map

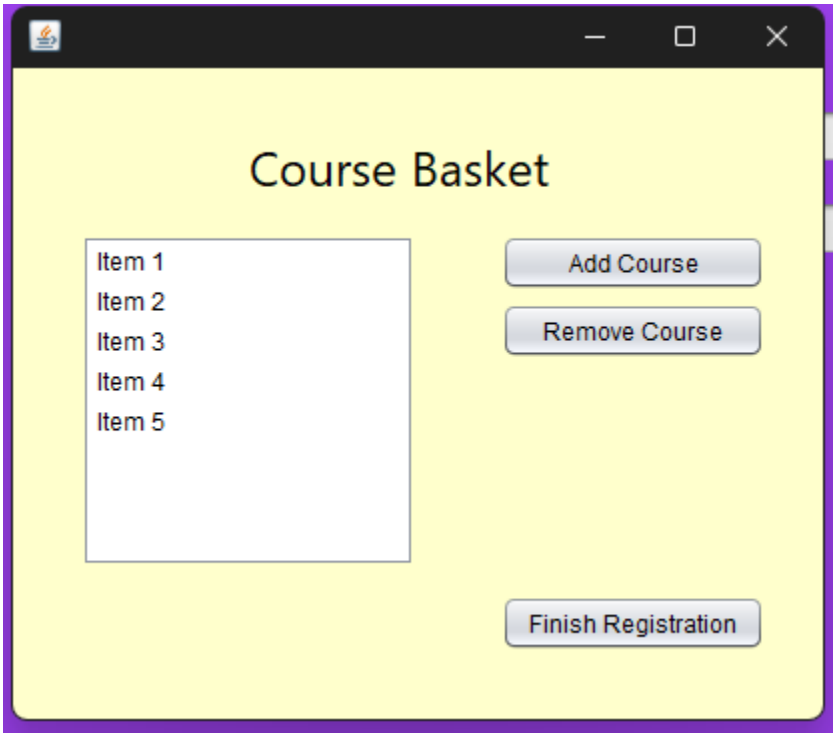

Back
MONDAY
TUESDAY
WEDNESDAY
THURDAY
FRIDAY
SATURDAY
SUNDAY
Go Back


TASK
Task Completed
Back
Add your task here
Add Task+
Log Out


TASK
Task Completed
Back
M3 quuiz
DD Lab
HPC Meet
Add your task here
HPC Meet
Add Task+
Log Out


Password reset link has been sent!
Continue


Sign up Form
Name
Email ID
Password
Next


Course Basket
Item 1
Item 2
Item 3
Item 4
Item 5
Add Course
Remove Course
Finish Registration

Main Features:

- **Login Page :** The user can login into the application by entering his username and password.
- If the user does not have previously created credentials, he/she can make new one's using the Sign Up button.
- The default **username : test** and **password : test** can also be used to log into the application.
- **Menu Screen :** After logging in, the user is greeted with a menu screen where he/she can select the operation he/she wants to perform.
- **Productivity Hours :** The Productive hours button opens up a new window where the user can input his/her activities' productive state and then generate an hours based record for the whole day.
- **TimeTable** : Next up on the menu bar is the Time table button which helps the user create a systematic time table for themselves.
- **Note Taking :** Then comes the Note taking functionality. Here the user has 2 options, he can either create a random single note or create notes for various different courses specifically. The notes a user creates will be saved automatically or by clicking the Save button and will be available the next time he/she accesses the page.
- **Score Manager :** The Score Manager functionality helps users generate their SGPA/CGPA based on their expected grades and the previous years grades/marks.
- **Activity Map :** The Activity Map button presents the user with an academic calendar for the particular year.
- **Weekly Task Manager :** Clicking on this option provides the user with an option to create a To-Do list for each day and check out the tasks he/she has already performed.

Tools Used:

Java Swing
Java 8.0
NetBeans 8.2
Windows 11

How to run:

- A .jar executable file has been placed in 50_2422_0001_1776_0336/productivityTracker/ which can be run by simply double clicking.
- Make use of Go Back buttons and not directly close else the whole app closes itself.
- By default all the hours have been set to Productive in Productivity Tracker.