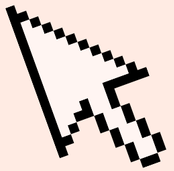
Class Marks Report Project

TEAM MARIN

B I U

# Instructor Aid System



# Team Members

- **B Charan Sai :** AM.EN.U4CSE19314
- **Satya Harthik S :** AM.EN.U4CSE19352
- **G Srija :** AM.EN.U4CSE19365
- **K Nitin Kumar :** AM.EN.U4CSE19329
- **Nandita Menon :** AM.EN.U4CSE19337

1 Background

2 Problem Statement

3 Description

4 Tools & Technologies

5 UML

6 Results

# BACKGROUND

# BACKGROUND

It is a hassle for a professor to keep track on each students progress or use any other functionalities which are necessary to check on the progress of the class

# PROBLEM STATEMENT

# PROBLEM STATEMENT

Its a application used to track everyday activities of students to aid an instructor. It has many features such as storing the details of students in a database, calculating the percentages of marks received by the students and plotting the graphs. All we need is to add in your account and start storing the details of the class.

# DESCRIPTION

# DESCRIPTION

**Login:** The instructor can login to his/her account using his credentials

**Subject projection:** Instructors can enter the marks and accordingly see a graph of their choice

**Calculator**: We can get each students percentage using this functionality

**Class profile**: The instructor can add or remove a student, see the student report, add marks accordingly and check how the class has performed

**Class selection**: The instructor can select a class among several classes.

**Add Marks:** The instructor can update student marks for every subject.

**Class Performance:** The instructor can check the class performance in all subjects.

**Student Report:** The instructor can check the performance of the individual student.

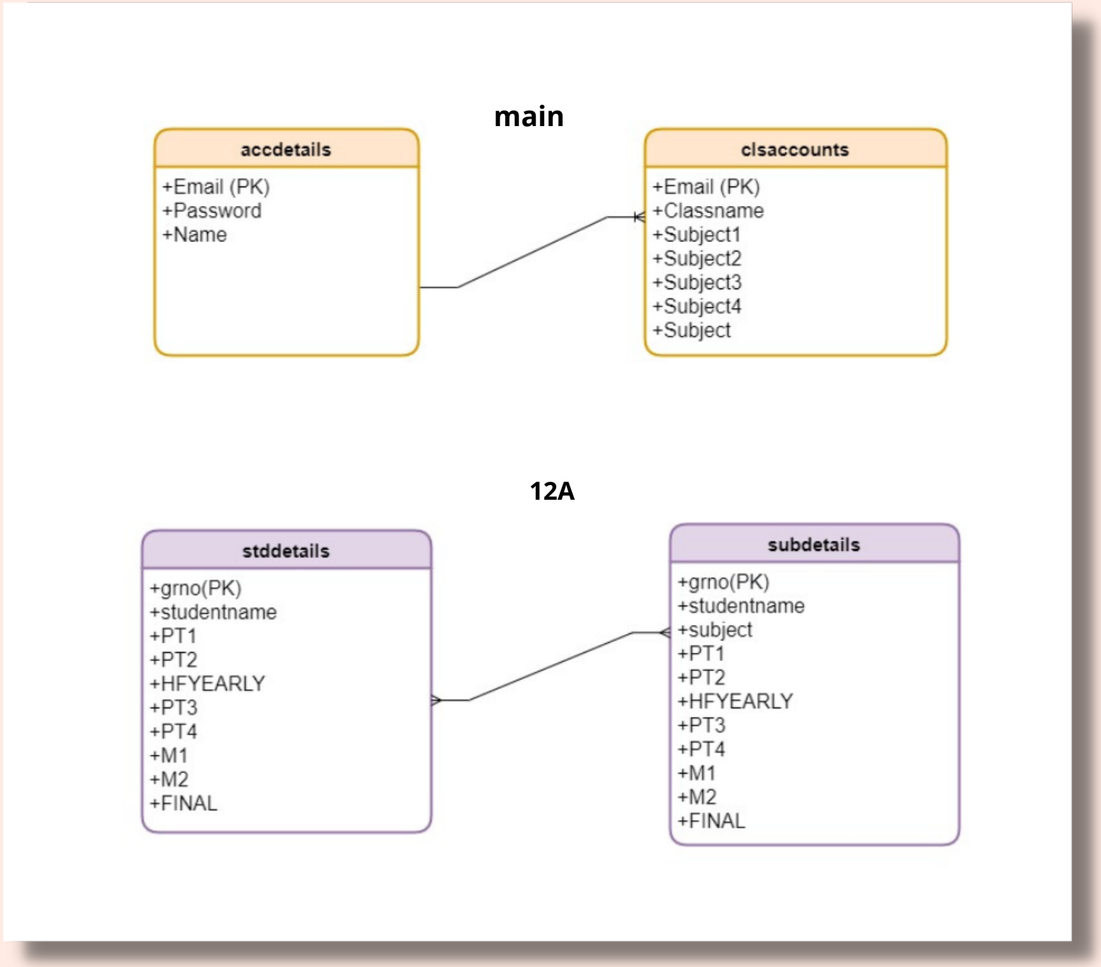
# TOOLS & TECHNOLOGIES

# TOOLS & TECHNOLOGIES

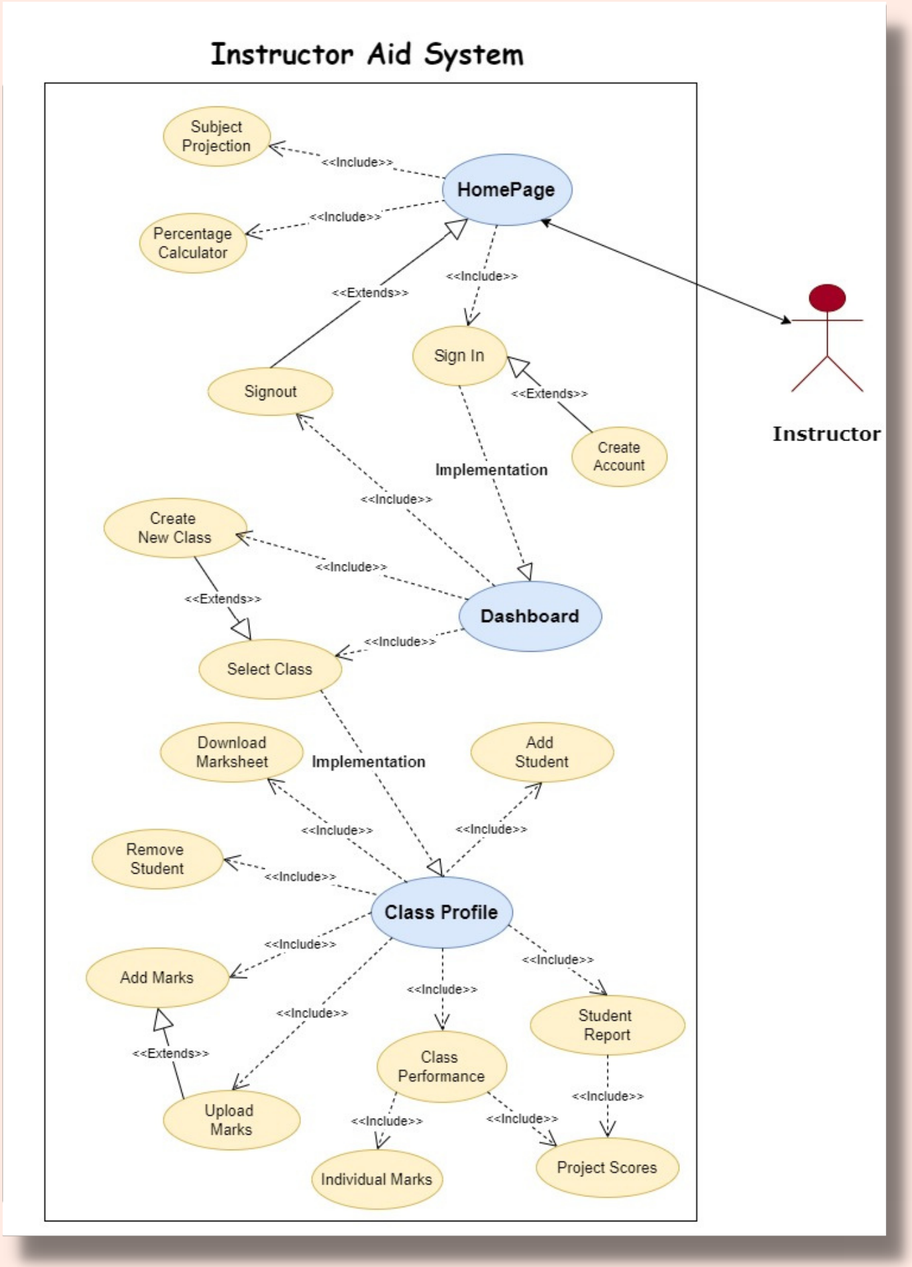
- **Python**
- **SQLite3**
- **Tkinter**
- **CSV**
- **Matplotlib**
- **PIL**
- **Draw.io,Lucid Chart**
- **Spyder**

# UML

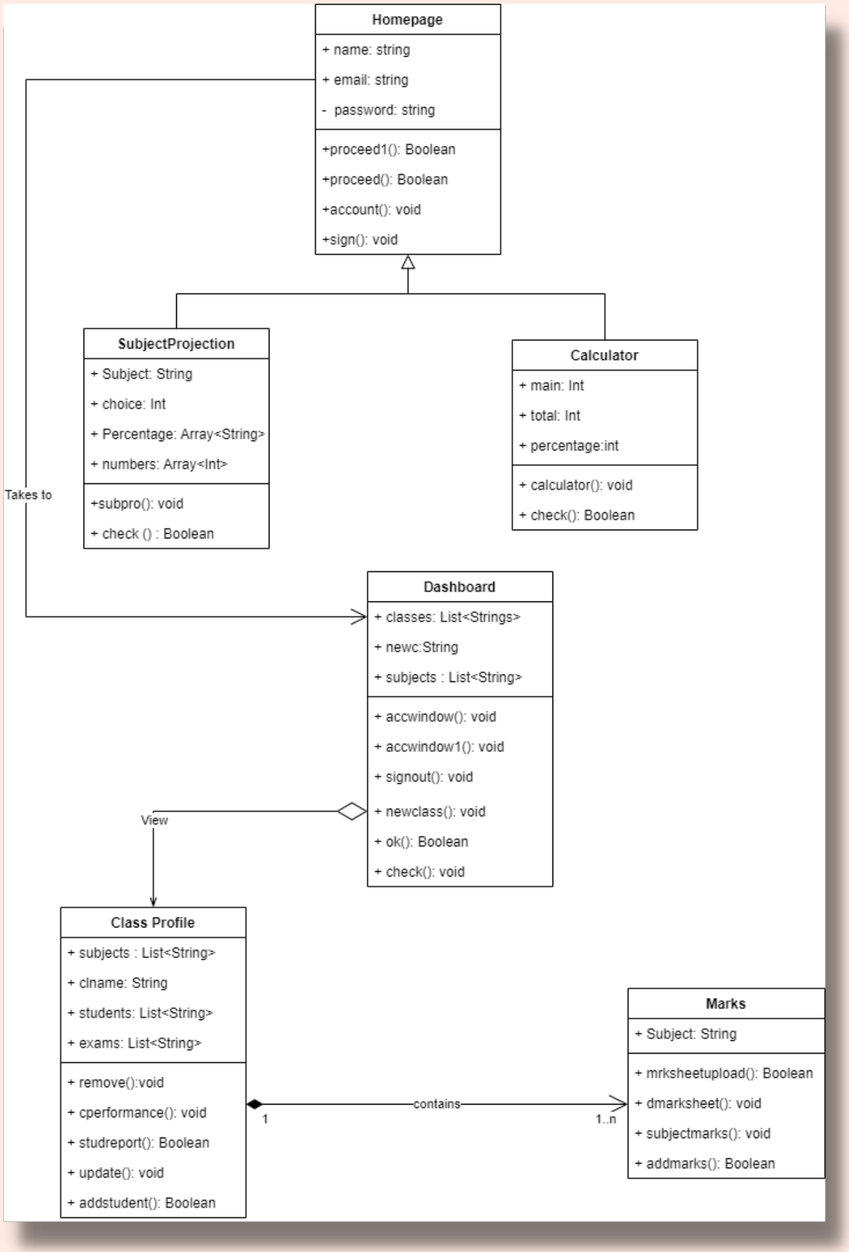
# ER DIAGRAM


main
accdetails
+Email (PK)
+Password
+Name
clsaccounts
+Email (PK)
+Classname
+Subject1
+Subject2
+Subject3
+Subject4
+Subject
12A
stddetails
+grno(PK)
+studentname
+PT1
+PT2
+HFYEARLY
+PT3
+PT4
+M1
+M2
+FINAL
subdetails
+grno(PK)
+studentname
+subject
+PT1
+PT2
+HFYEARLY
+PT3
+PT4
+M1
+M2
+FINAL

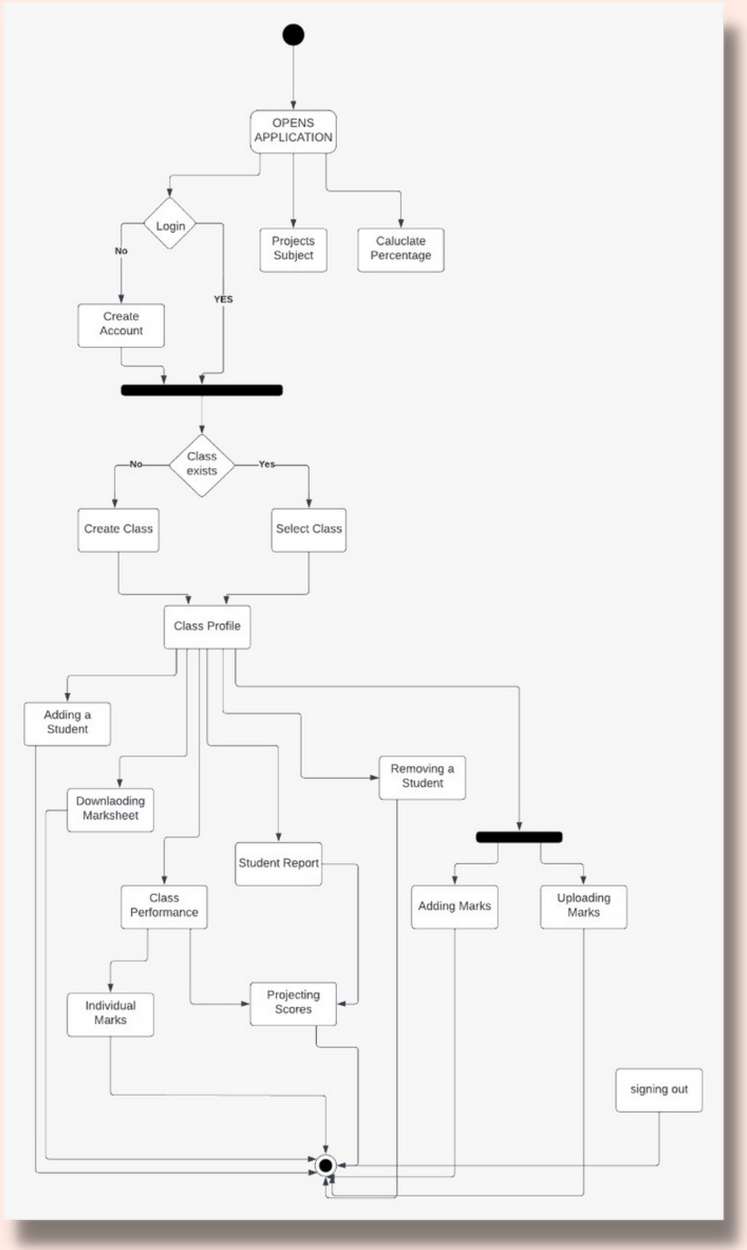
# USE-CASE DIAGRAM



# CLASS DIAGRAM

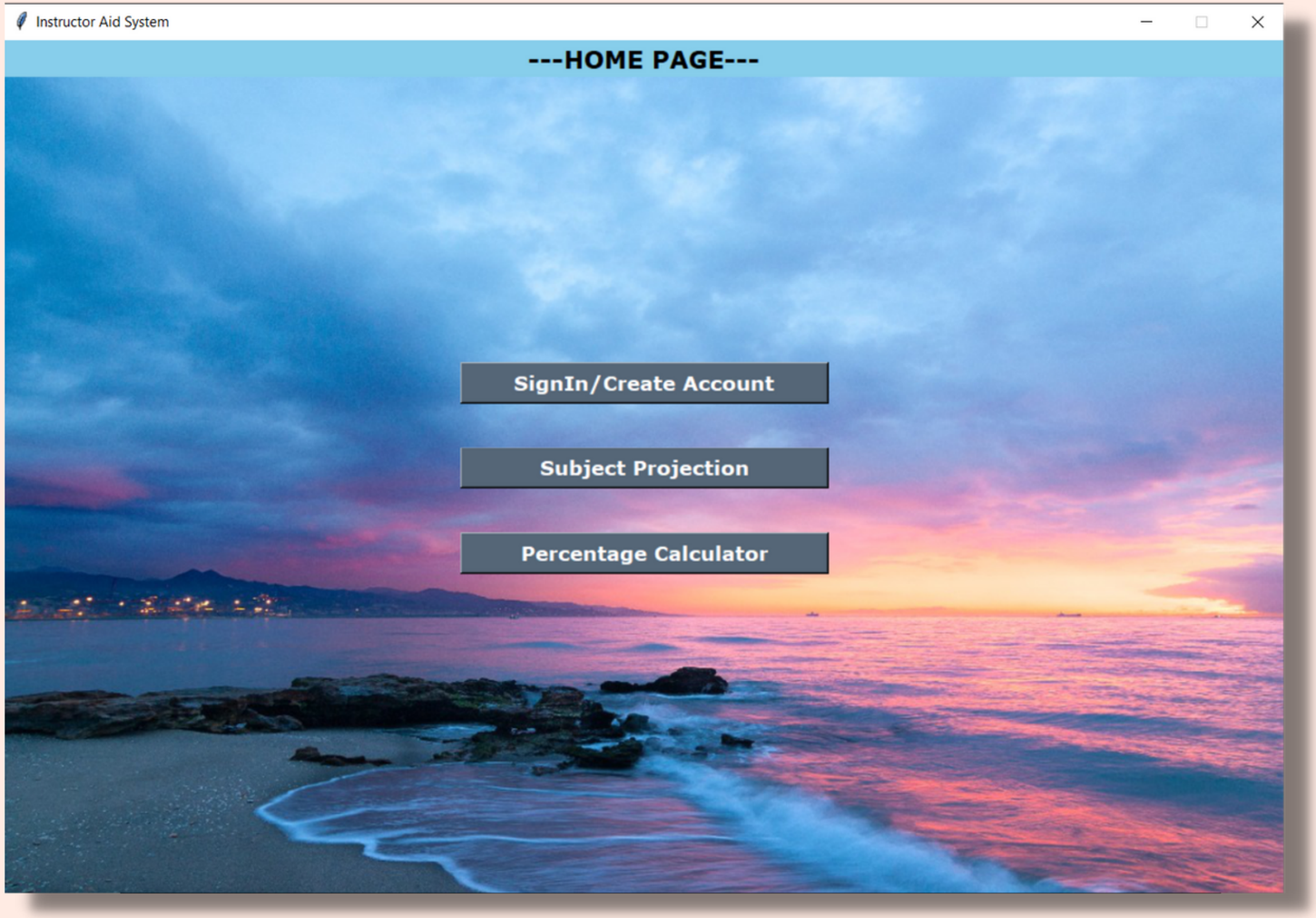


# ACTIVITY DIAGRAM

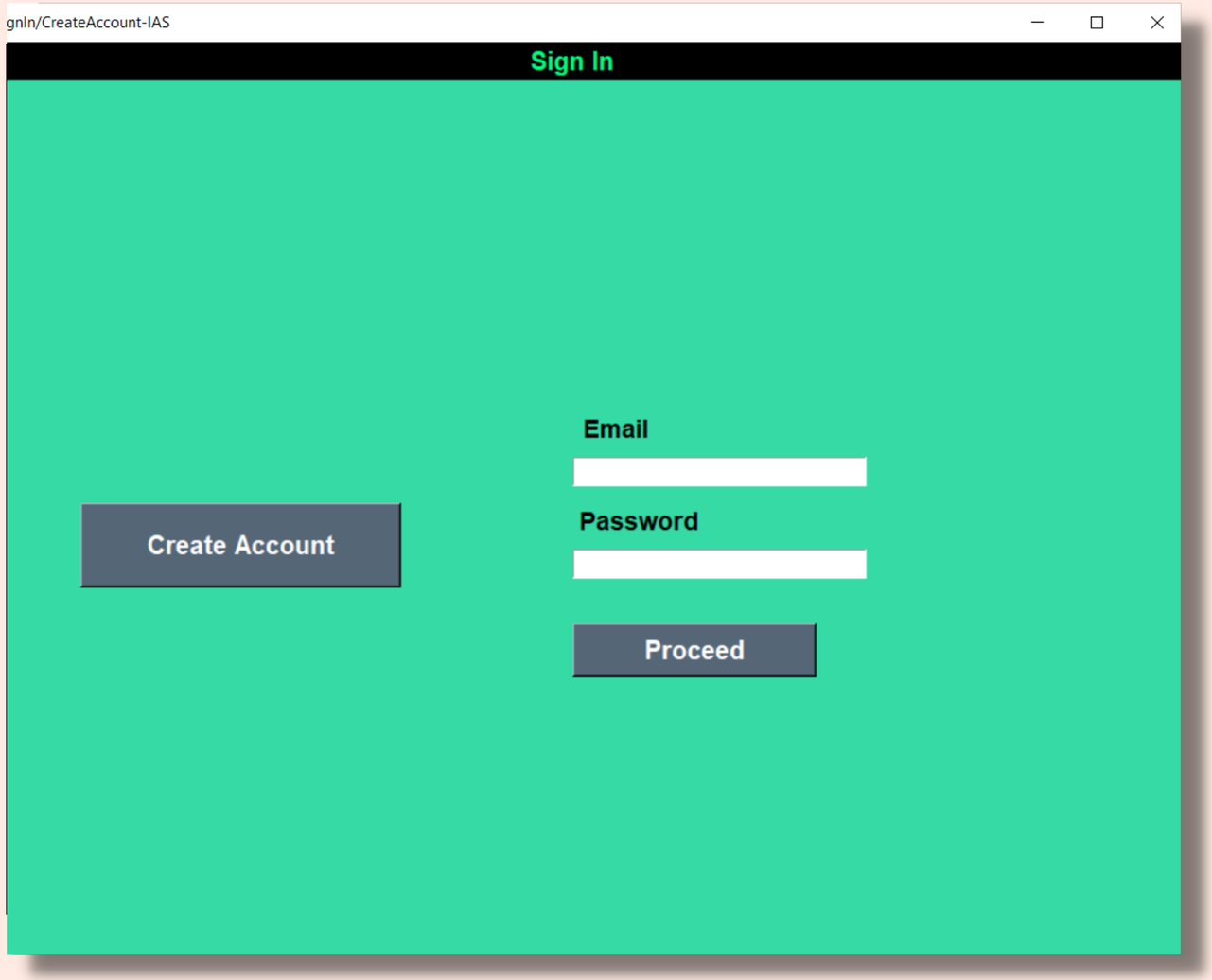


# RESULTS

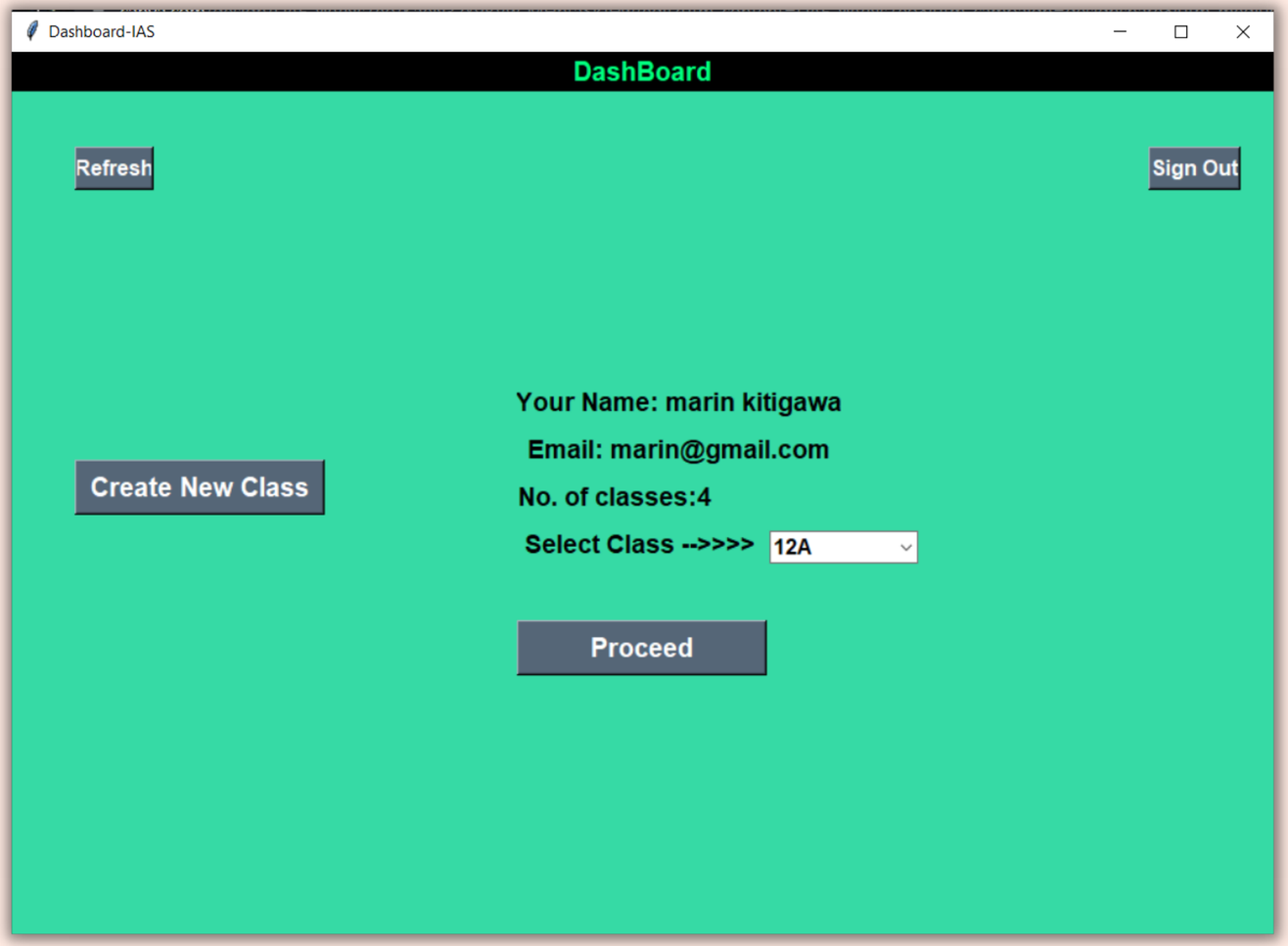
# HOME PAGE


Instructor Aid System
---HOME PAGE---
SignIn/Create Account
Subject Projection
Percentage Calculator

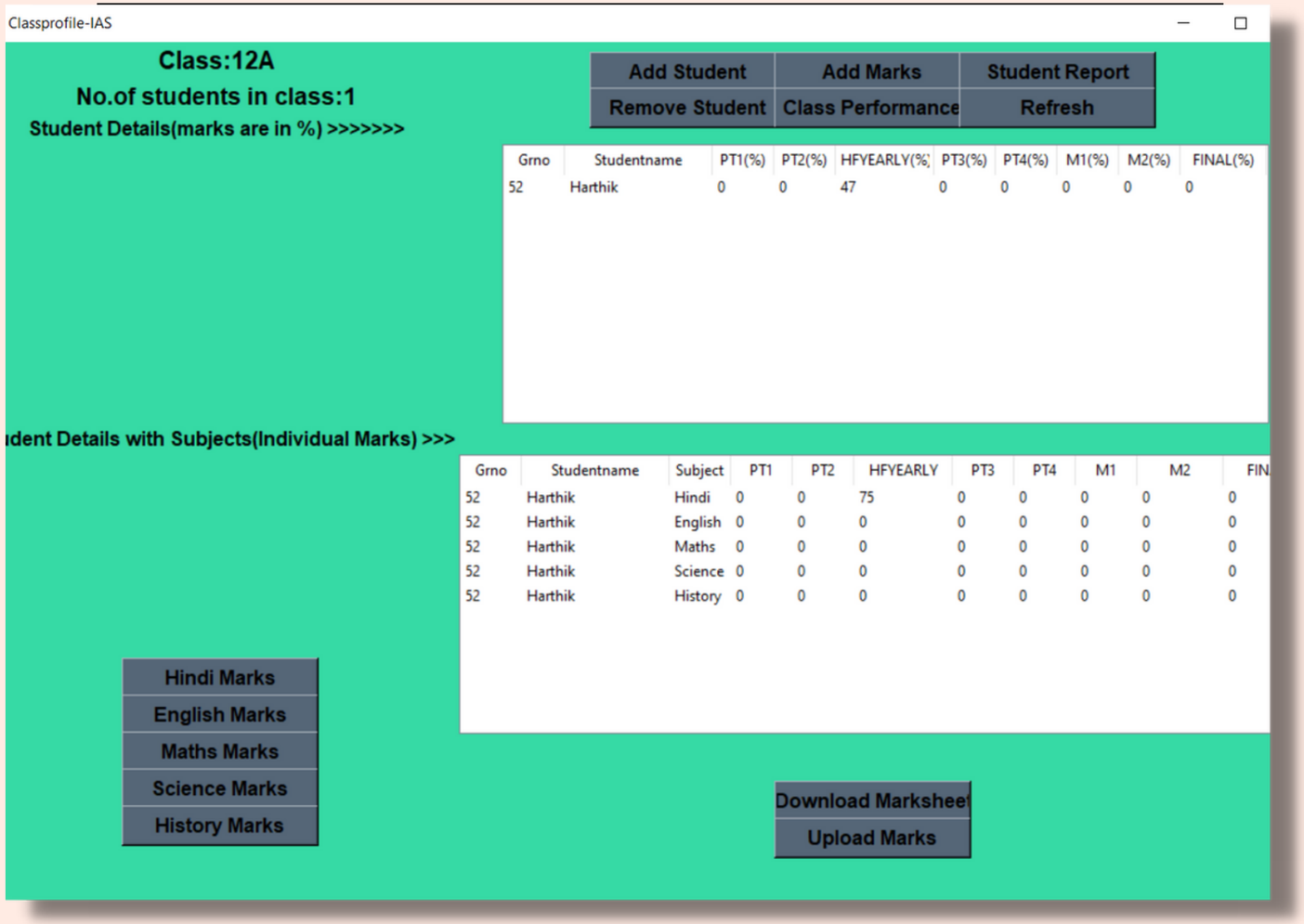
# LOGIN


gnIn/CreateAccount-IAS
Sign In
Email
Password
Create Account
Proceed

# DASHBOARD


Dashboard-IAS
DashBoard
Refresh
Sign Out
Your Name: marin kitigawa
Email: marin@gmail.com
No. of classes:4
Create New Class
Select Class -->>>>
12A
Proceed

# CLASS PROFILE



# Implementation Credits

- **HOME PAGE : Harthik SS, Nandita M**
- **SIGN IN  : Nitin K, Srija**
- **CREATE ACCOUNT : Srija, Nandita M**
- **DASHBOARD : Nandita, B Charan Sai, Nitin**
- **CLASS PROFILE : Srija, B Charan Sai, Nitin K, Harthik SS**
- **DATABASE : Harthik SS, Nitin K, B Charan Sai**

# Thank You

TEAM MARIN