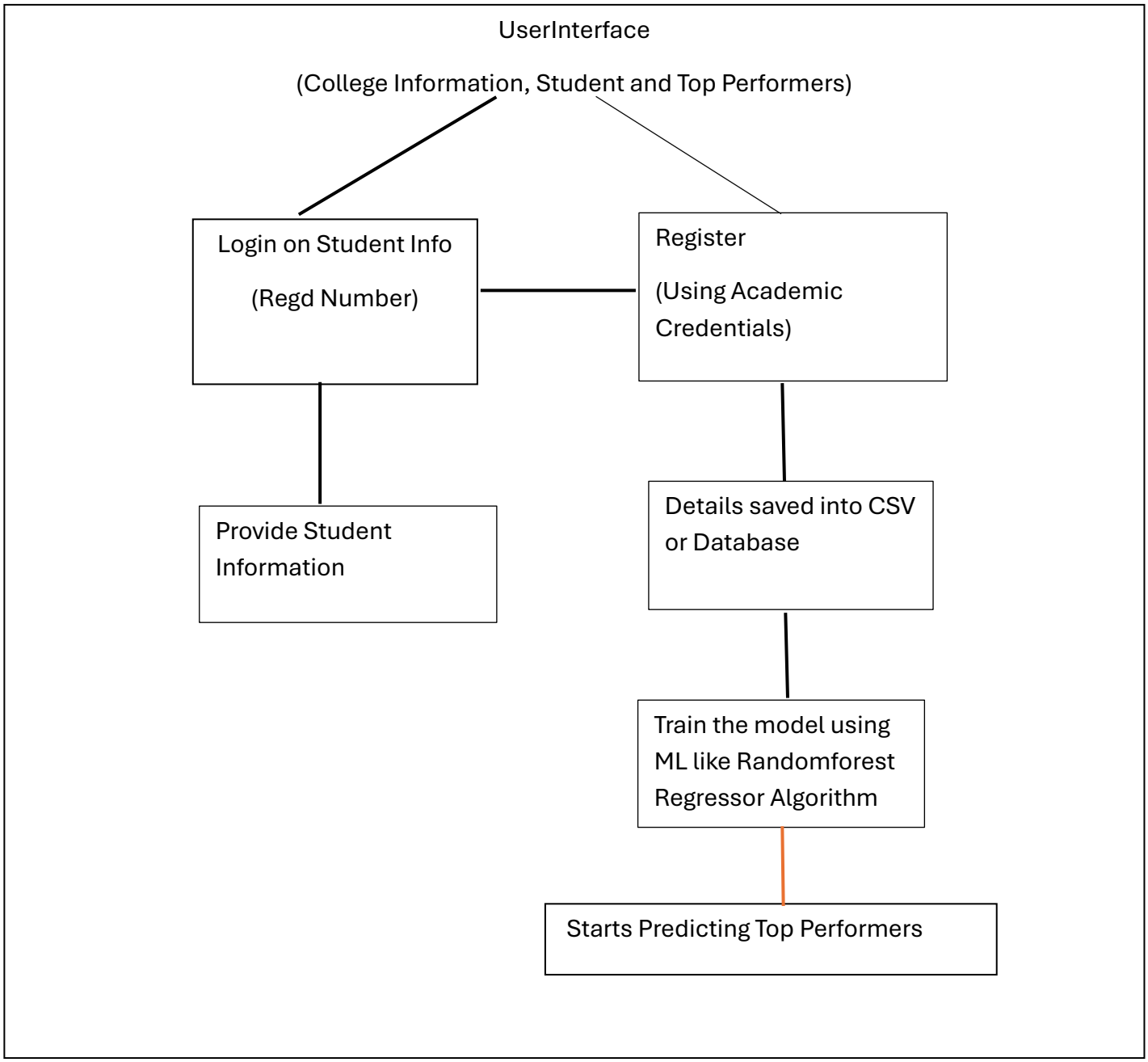
**HBS TEAM 12**

**(Overview of the design)**



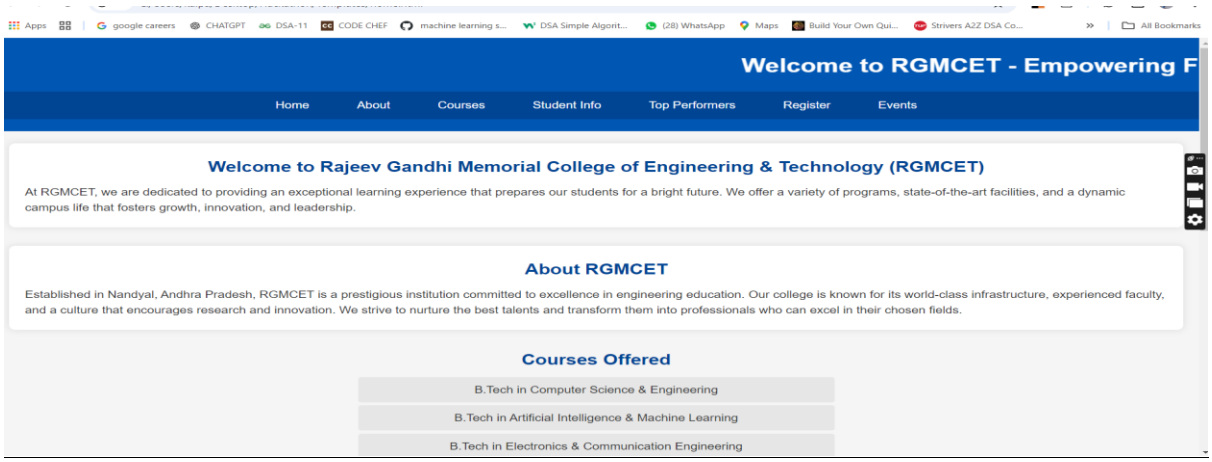

***Technologies Used***

- Frontend: HTML, CSS, Java Script (UserInterface)
- Backened: ML (For predicting Top Performers), Python, Flask FrameWork
- Data Preprocessing: scikit-learn
- Database: CSV files, Mongodb for further updates
- Development Tools: VS Code, Jupyter Notebook, Git

**Steps Followed:**

- Understood Problem statement and made overview of our solution
- Prepared and analysed dataset for building our project.
- Started building Machine Learning Model
- Imported scikit-learn, numpy, pandas for data preprocessing and handling.
- Tested the model by Mean Square Error
- We got 0.0014 MSE and $R^2$ score as 0.8820
- Retrained and made sure with what we have done for the prediction of Top performers.
- Started building Frontend for the Website using HTML, CSS, Java Script.
- Connected Frontend and Backend using Flask Framework.
- Successfully Pushed the code into the Github.

**HOME PAGE**




**Registration Form:**