CodeSapien

Problem Statement : Real time tracking of students learning's outcomes and their academic progress across schools

Team Member - 1 Suryash Kumar Jha

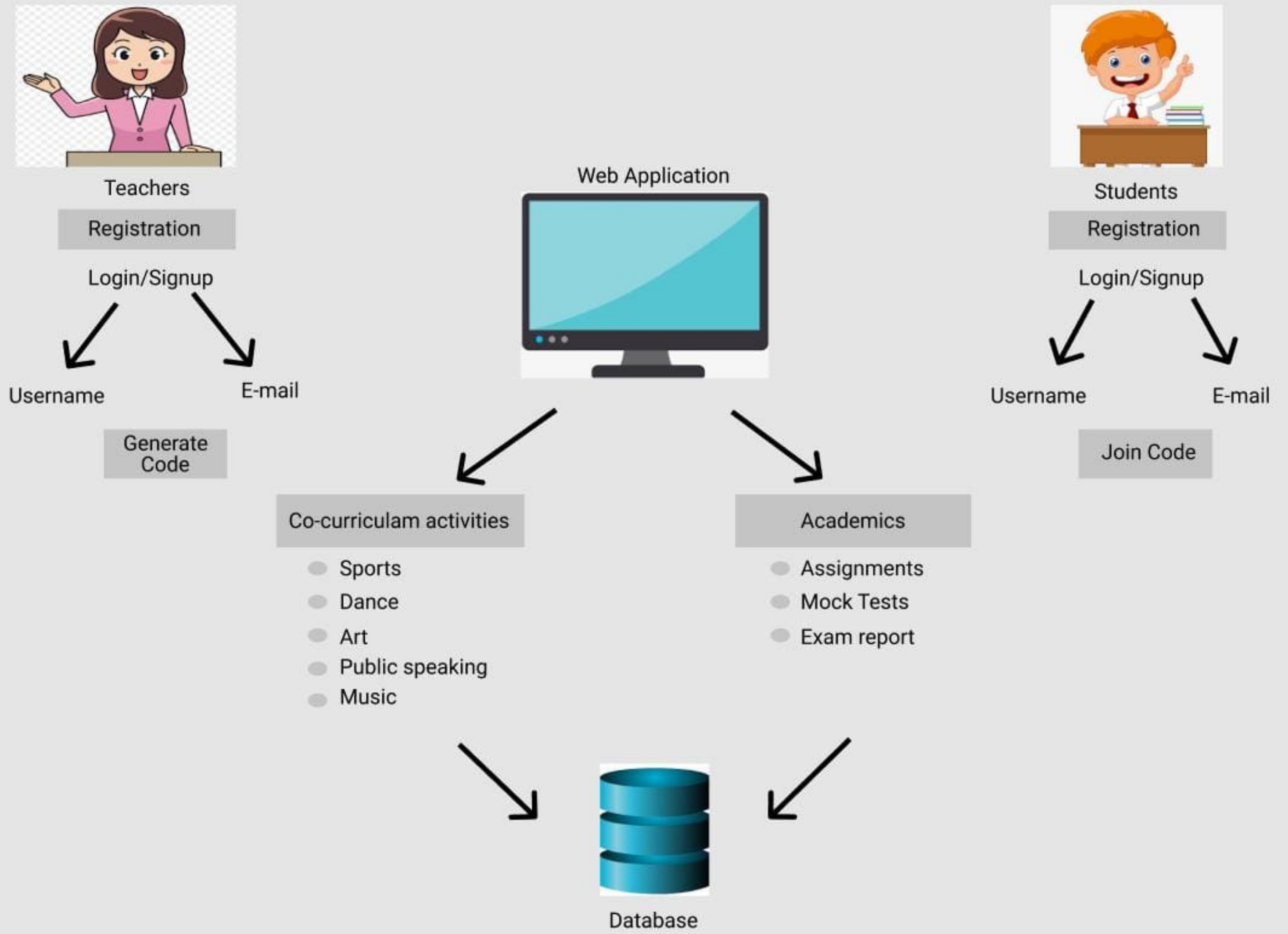**Team Member - 2** Vishal

Team Member - 3 Archit

SOLUTION

This project aims to develop a web-based students learning's outcomes and academic progress management application for schools. This web-based application is designed to assist teachers in tracking the learning activities record by displaying the information on the web application and help teachers to make reports on the learning activities by automatically generate the co-curricular and academic data dashboard. The significance of this project is to improve the current student progress management system through a web-based application.

TECH STACK

- **BACKEND :** Flask2

- **FRONTEND :** HTML , CSS , Java Script , React Js

- **DATABASE :** Firebase

USE CASES

We decided to store real time data of students by two methods

- **By forms :** A basic form can be used to intake student's data.
- **By Folder :** Student's have to perform various tasks/ learning activities and the data for the same will be recorded in DB.

 # Data walls : Displaying student data in leaderboard format.

 # Data Binder : Keeping all of students data in one organised central location keeps you up to data on students progress.
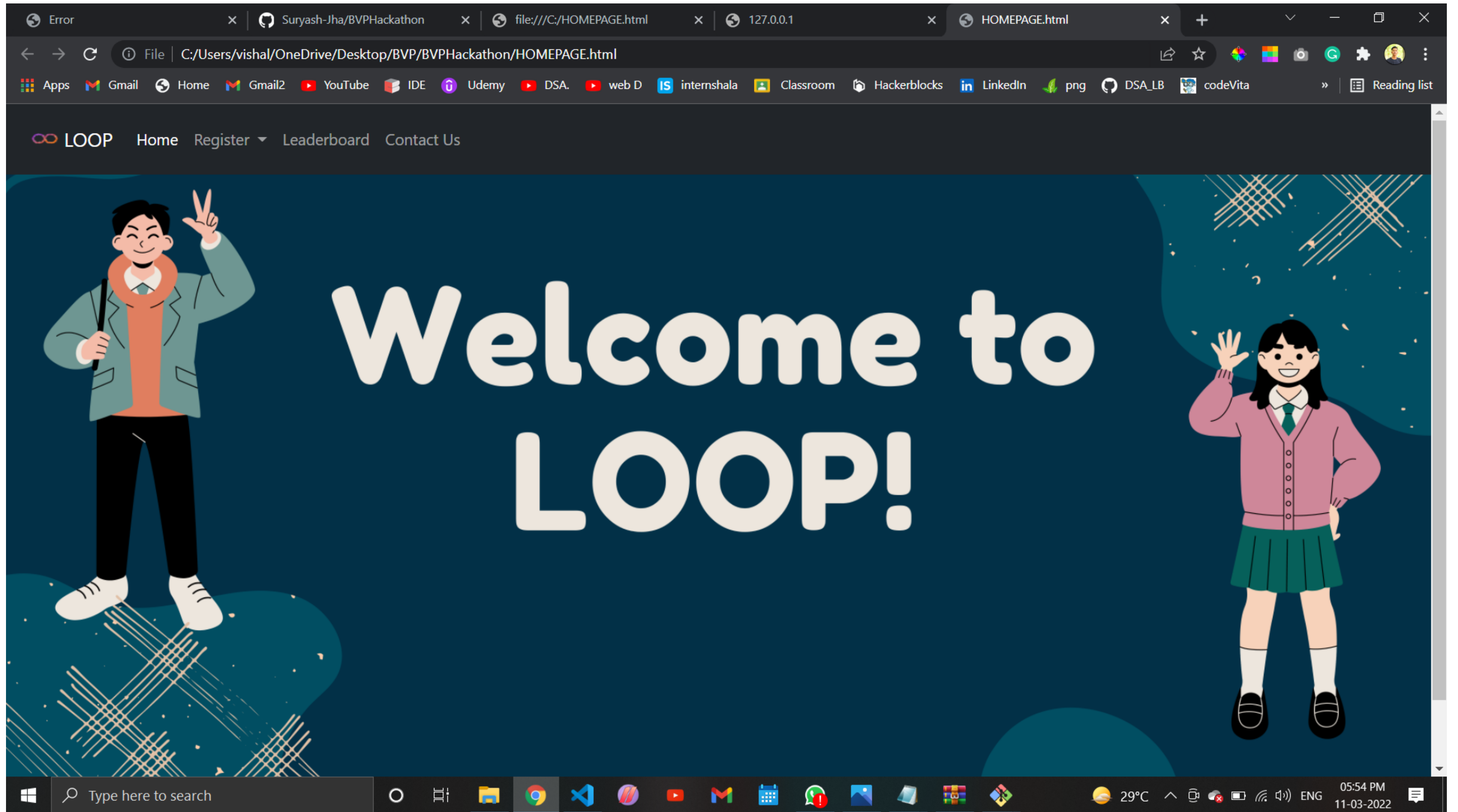
 # Data clipboard : Students can track their data themselves using the clipboards or the teacher can use them as an assessment tracking tool.

DEPENDENCIES

This web-based application need

- Zero installation
- Reduce cost
- Centralized data
- Quick and easy update
- Reachable-always available
- Low specs PCs or smartphones can be used
- Online training can be completed at user's place
- Direct access to the latest information and always up-to-date.

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🏆 Co-Curricular

1	Vishal	1000
2	Brandon Barnes	301
3	Raymond Knight	292
4	Trevor McCormick	245
5	Andrew Fox	203

🏆 Academic

1	Vishal	1000
2	Brandon Barnes	301
3	Raymond Knight	292
4	Trevor McCormick	245
5	Andrew Fox	203

🏆 Overall

1	Vishal	1000
2	Brandon Barnes	301
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