STREAM ANALYSIS FOR CAREER CHOICE APTITUDE TESTS

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Main Project Final Presentation, JUNE 2022

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Introduction

- Most of the users are confused while selecting their streams according to their capability
- User can select career choice based on their IQ.
- The main aim of the project is to help user for choosing their career option.
- System helps the user to select their career choice according to their interest in particular field.
- Users attend exams and the score in these exams are considered to recommend streams.

Existing System

- In existing system, students learn about various courses from many sources, such as advertisements, internet, friends etc.
- But they may be confused to choose from this list as it may contain a lot of courses.
- Students tend to choose courses with less fee structure. In most cases, students do not opt for courses that match their

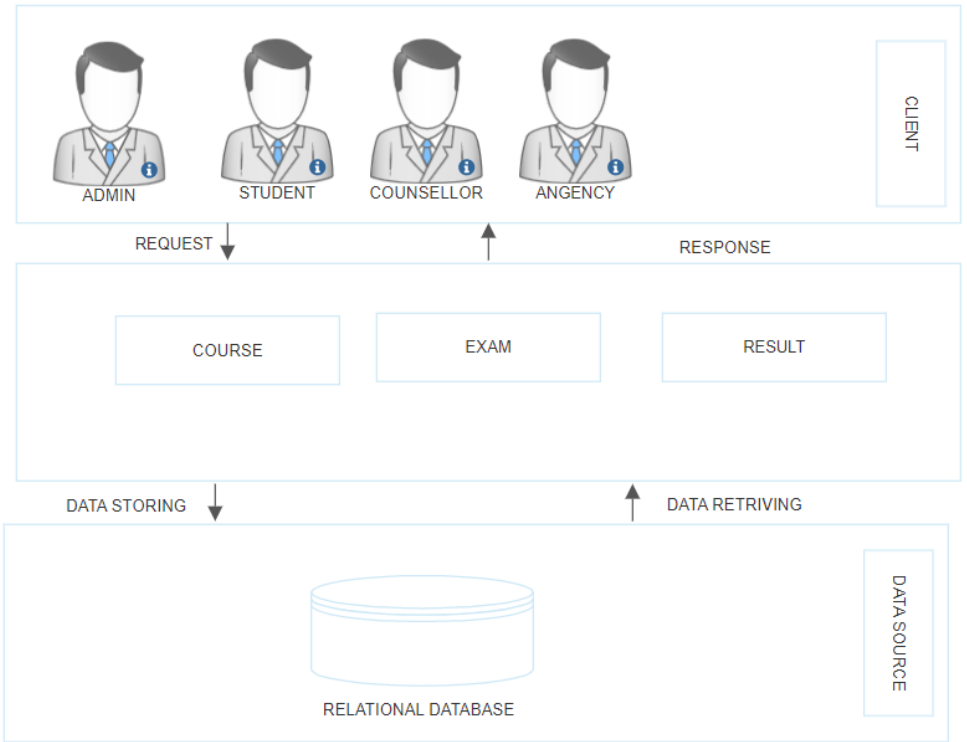
Proposed System

- In our proposed system, we conduct tests or exams.
- Registered candidates can attend these exams.
- On completion of the exam, their score is updated to the server.
- Based on their score counsellors can recommend them to agencies.
- Thus the students get recommendation of courses.

Modules

- ADMIN- Course Details, Main Stream, Sub Stream, Question, View Student Details, View .
- STUDENTS- Take test, Results.
- COUNSELOR- Review the candidate performance, Interact with candidate to recommend courses, Notify agencies about candidates.
- AGENCY- Manage course details, Interact with candidate, Manage admission of candidate.

Architecture Diagram



Requirements

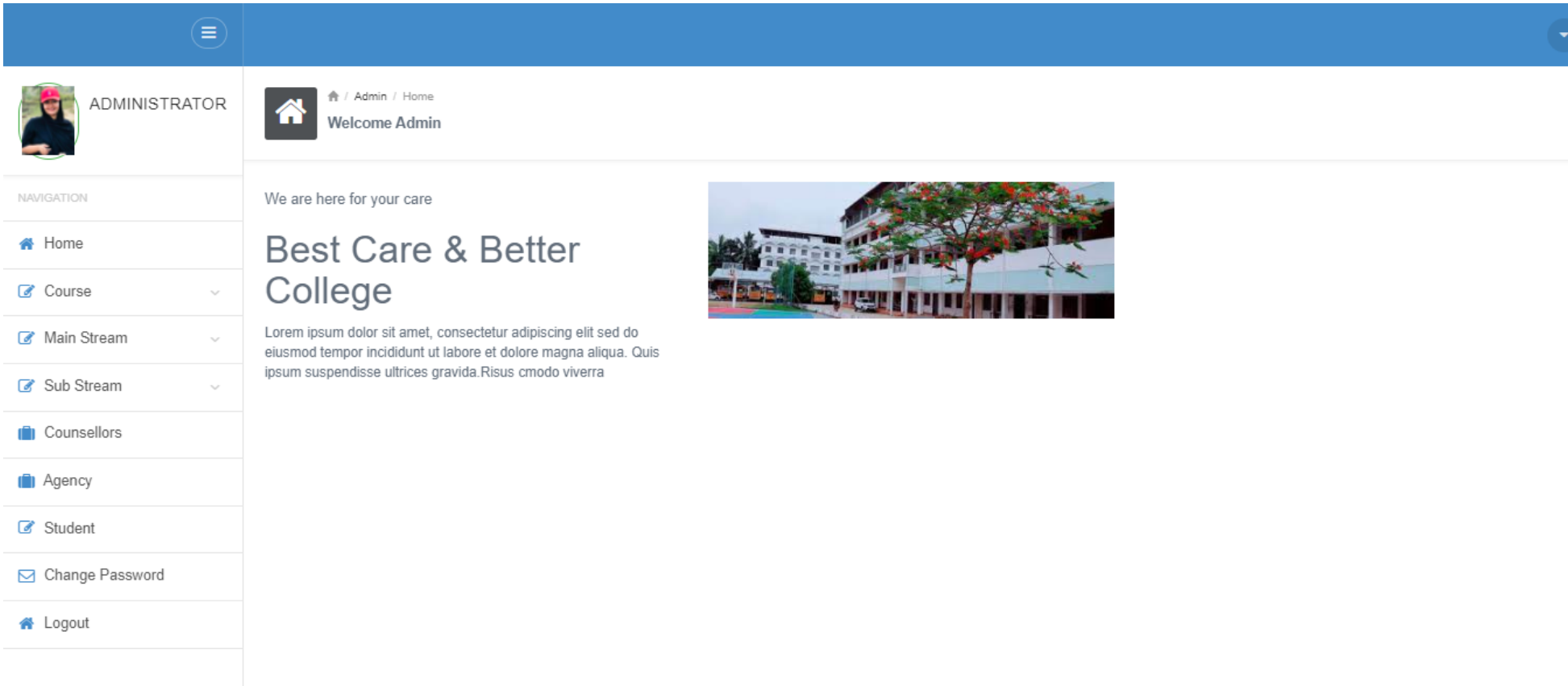
SOFTWARE REQUIREMENTS

- Operating System: Windows 8 or above
  Front End: HTML, CSS, JavaScript
  Back End: Python ,Android, MySQL
  IDE: PyCharm, Android Studio
  Framework: Flask

HARDWARE REQUIREMENTS

- Processor: Intel Core i3 or above
  Hard Disk Space: 320 GB
  Memory: 4 GB RAM or above

RESULTS – Web application



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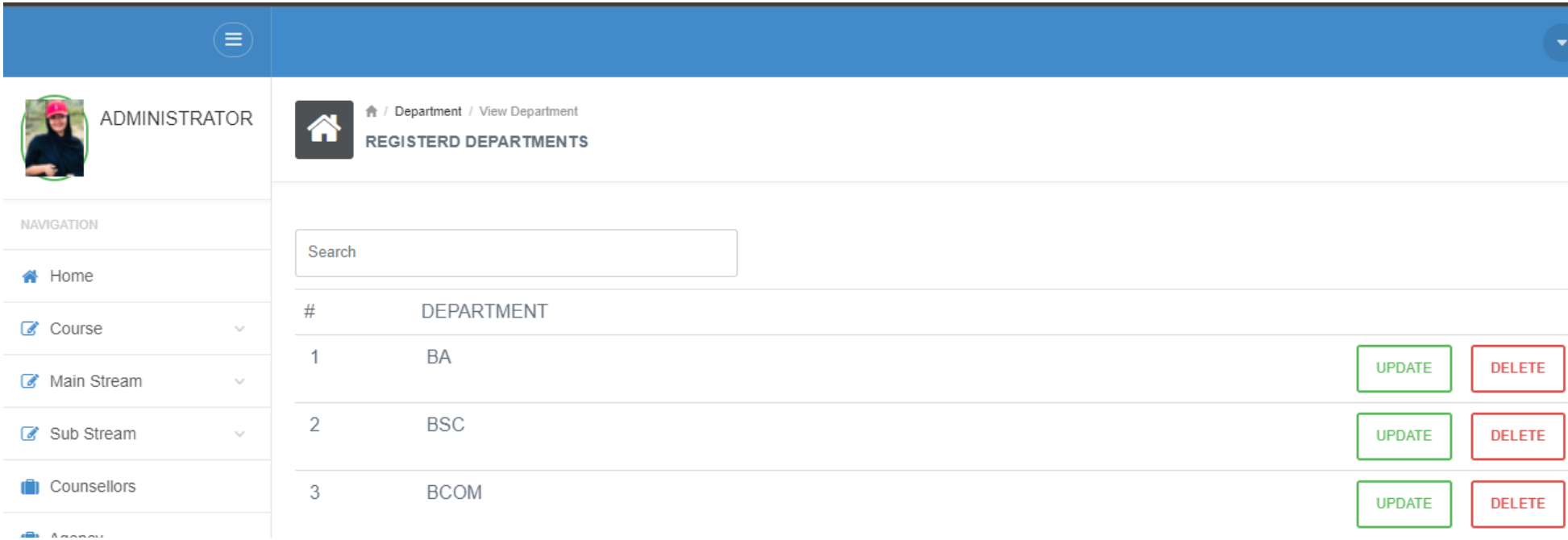

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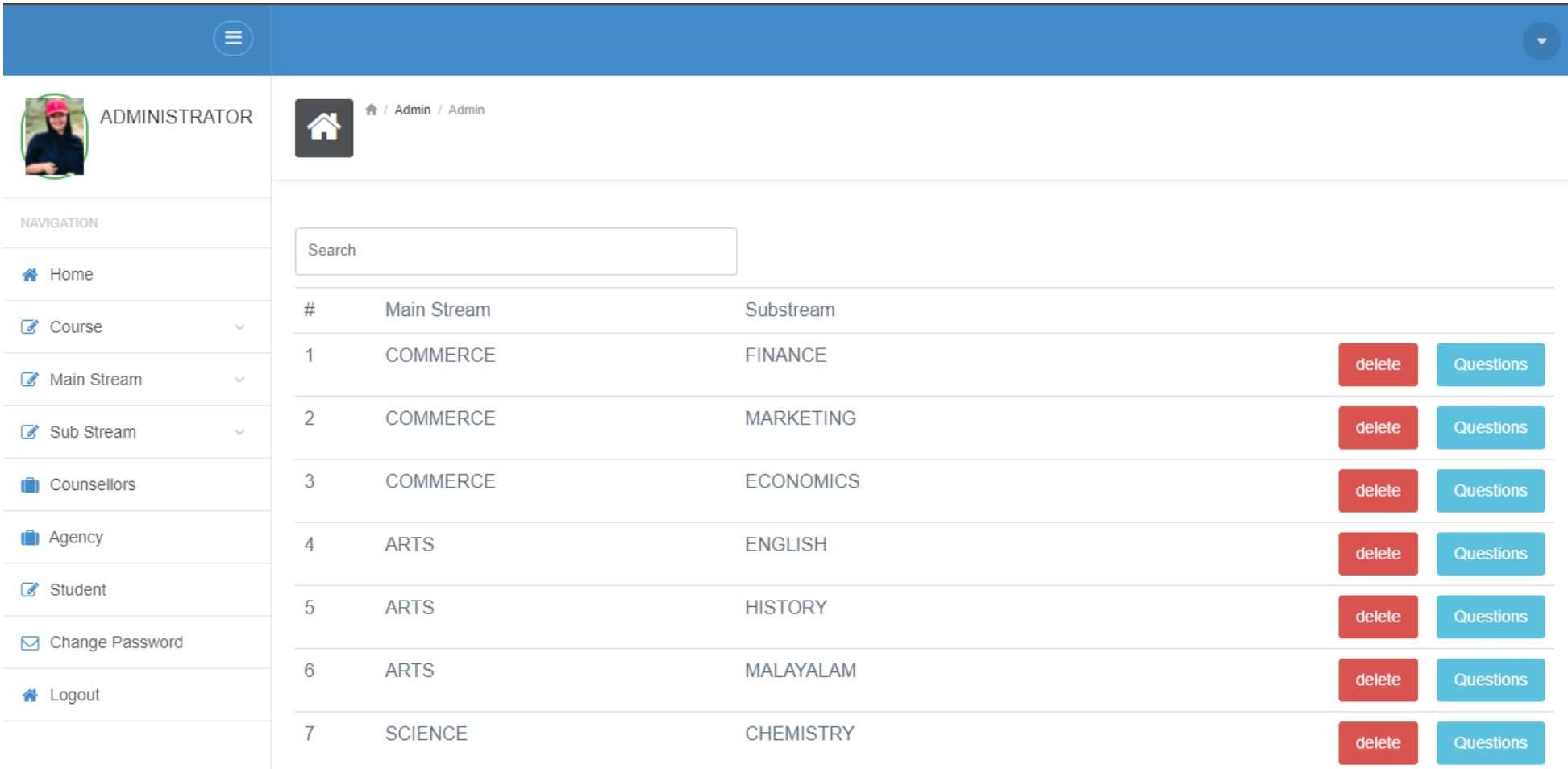

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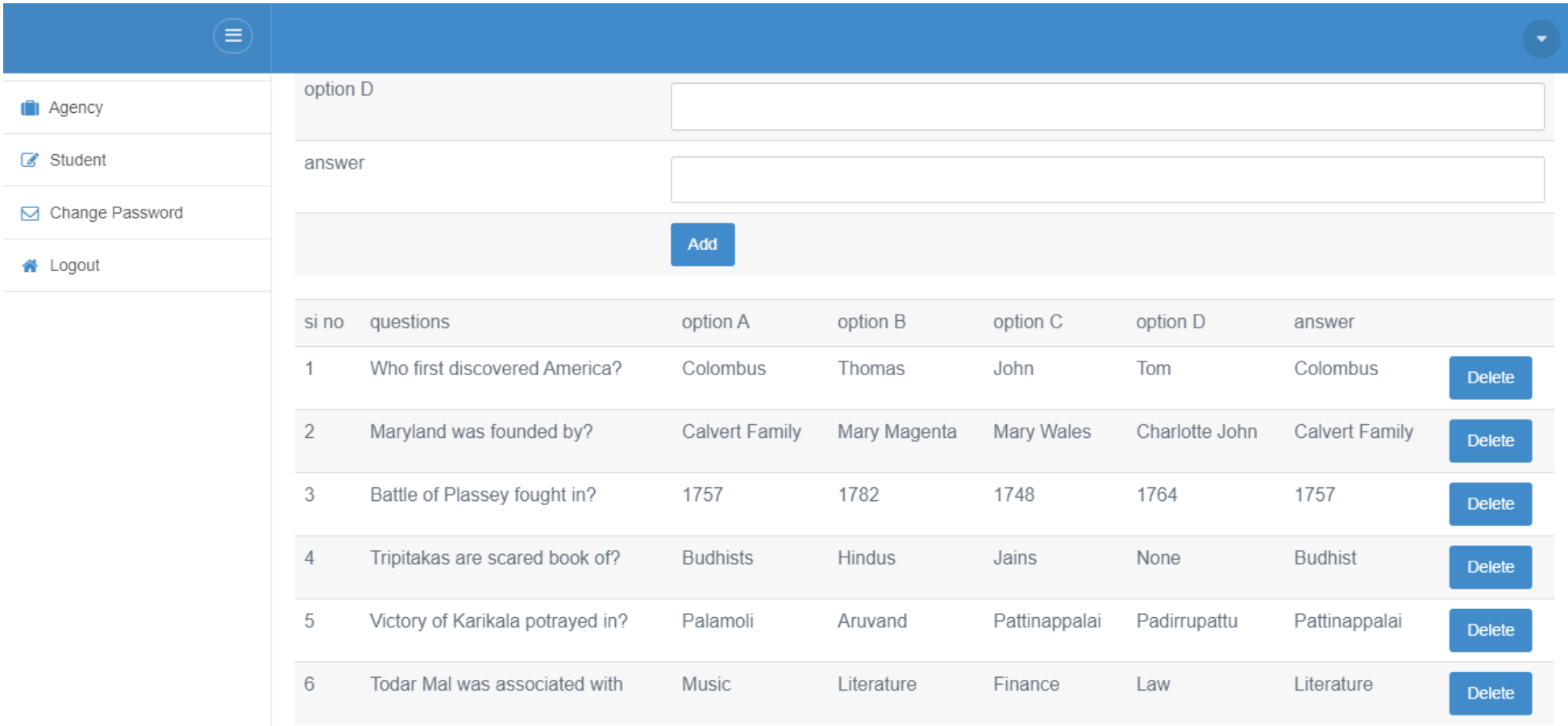

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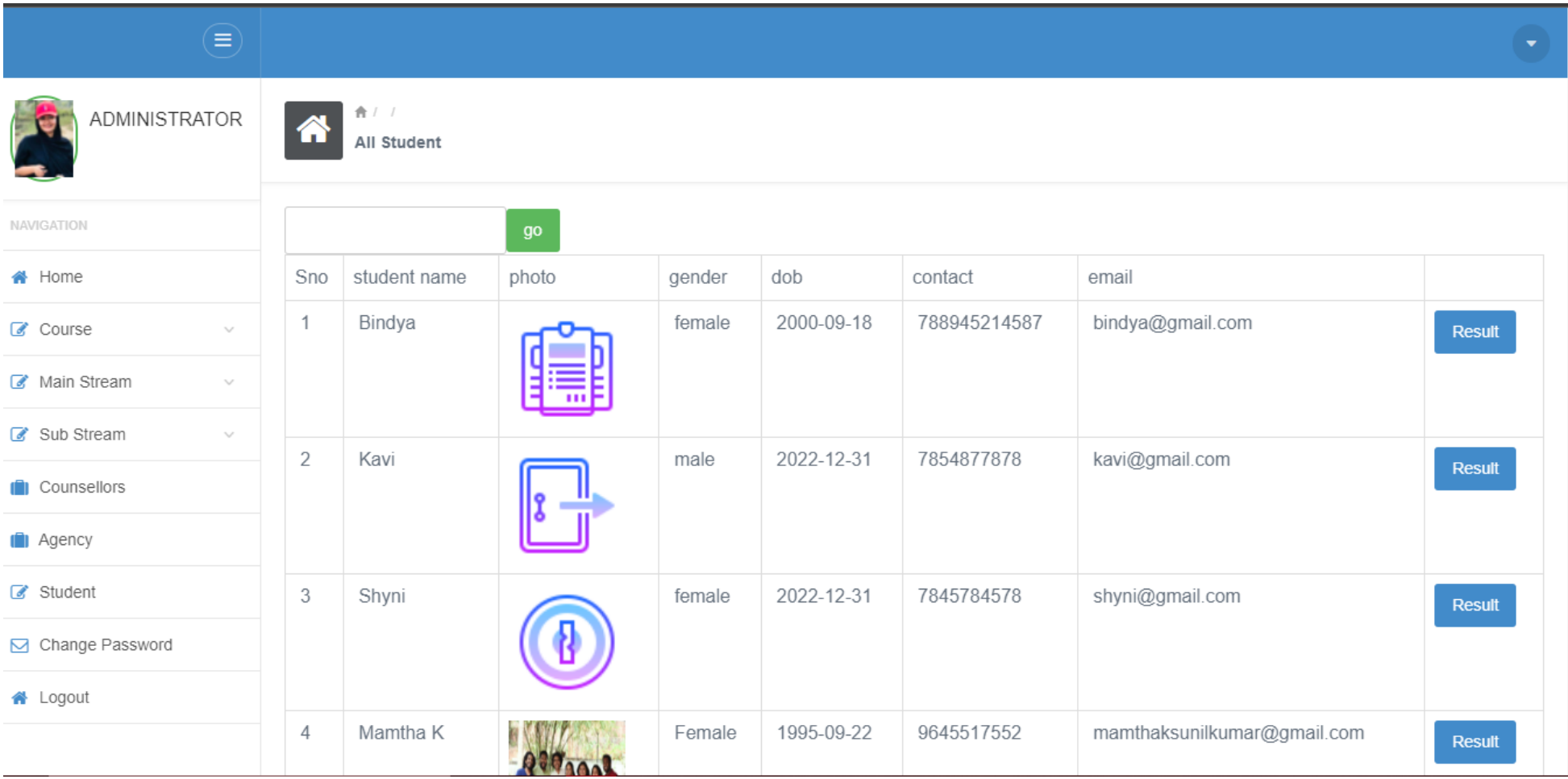

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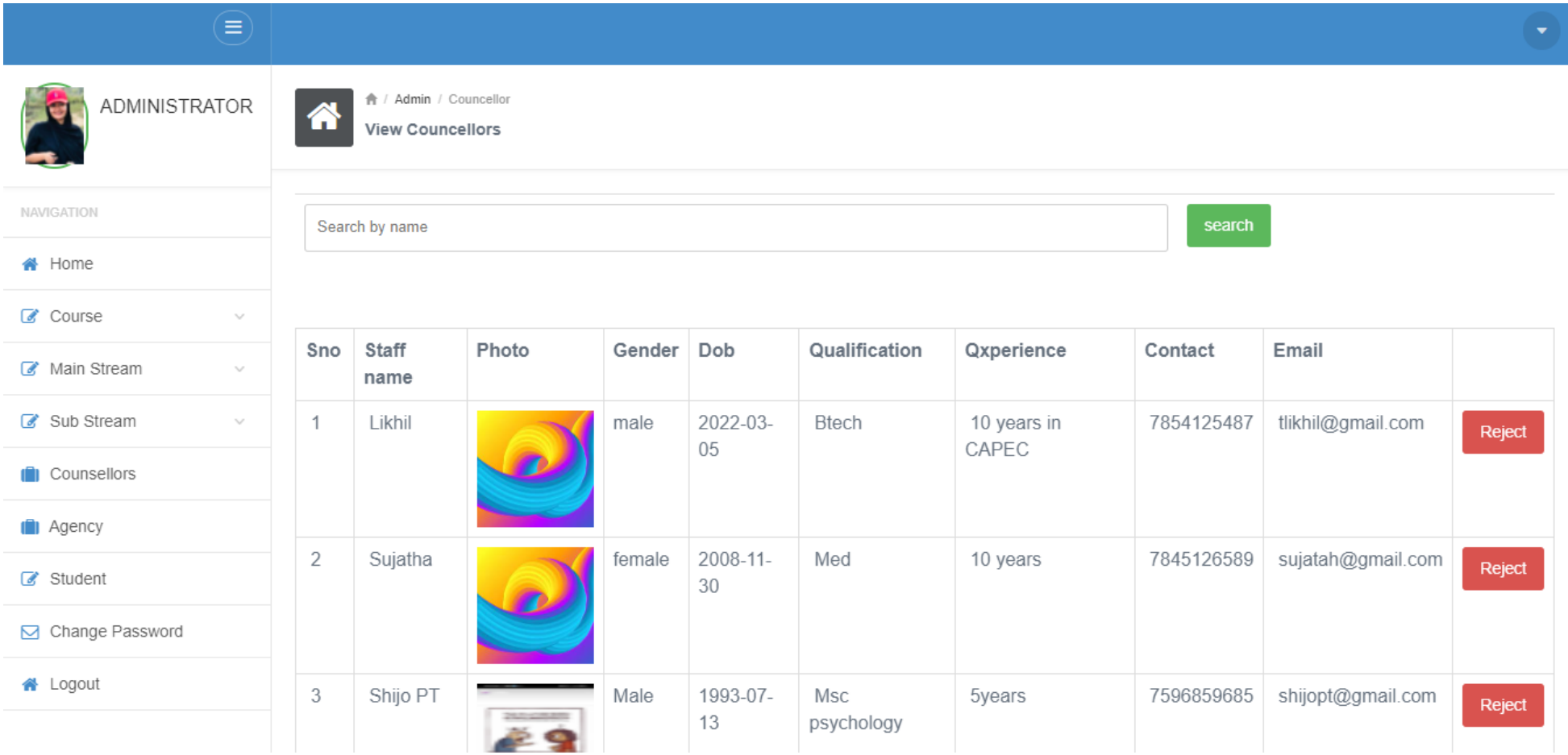

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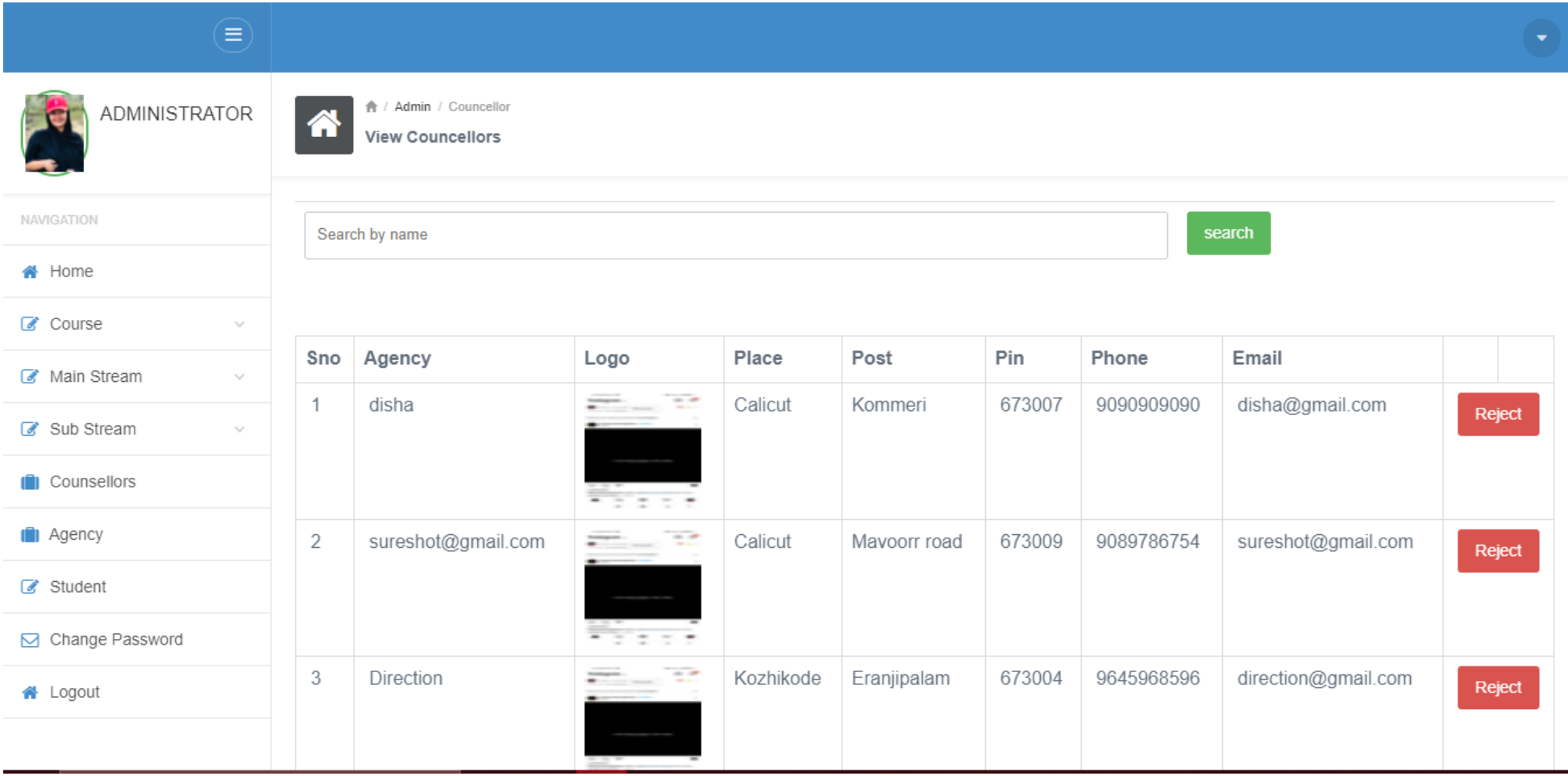

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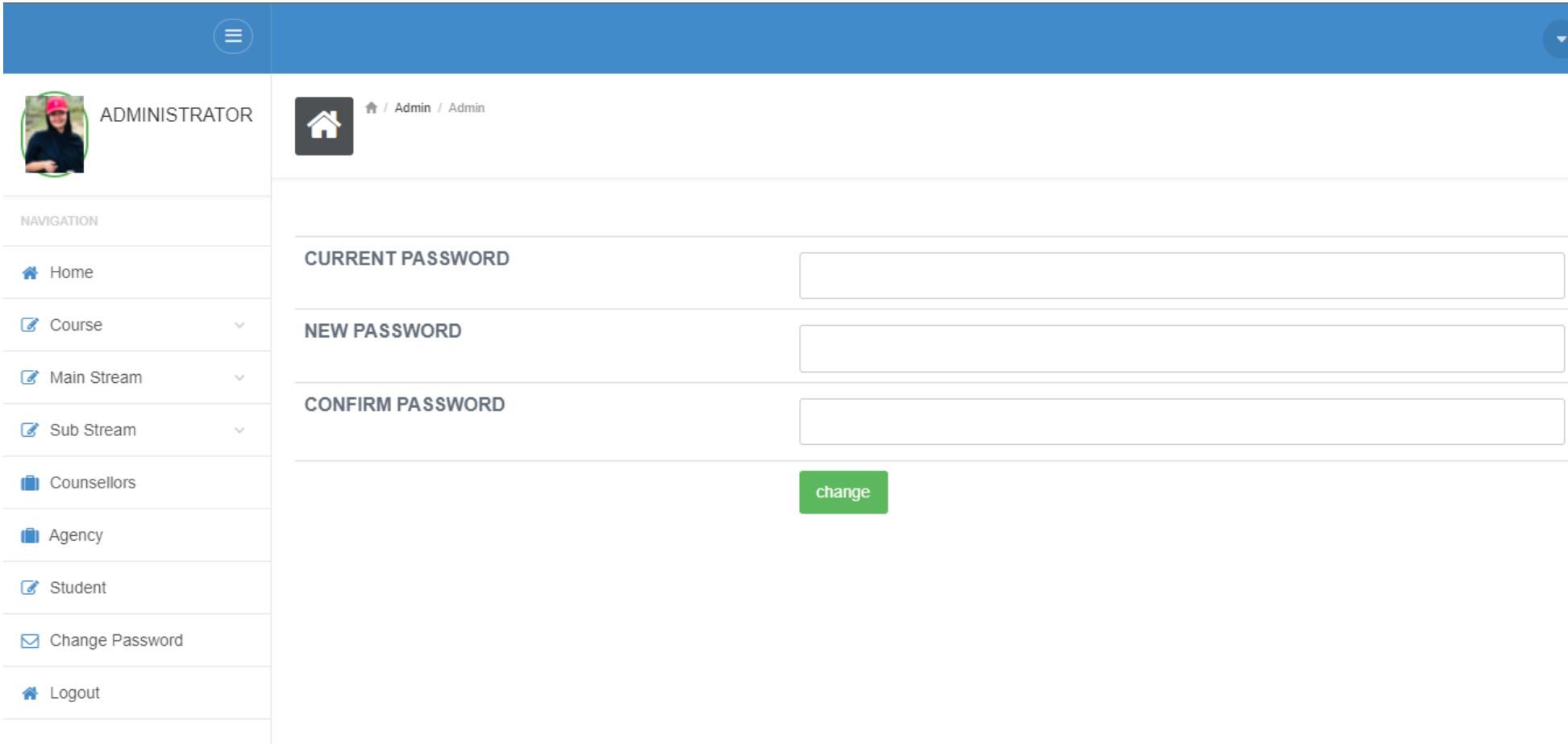
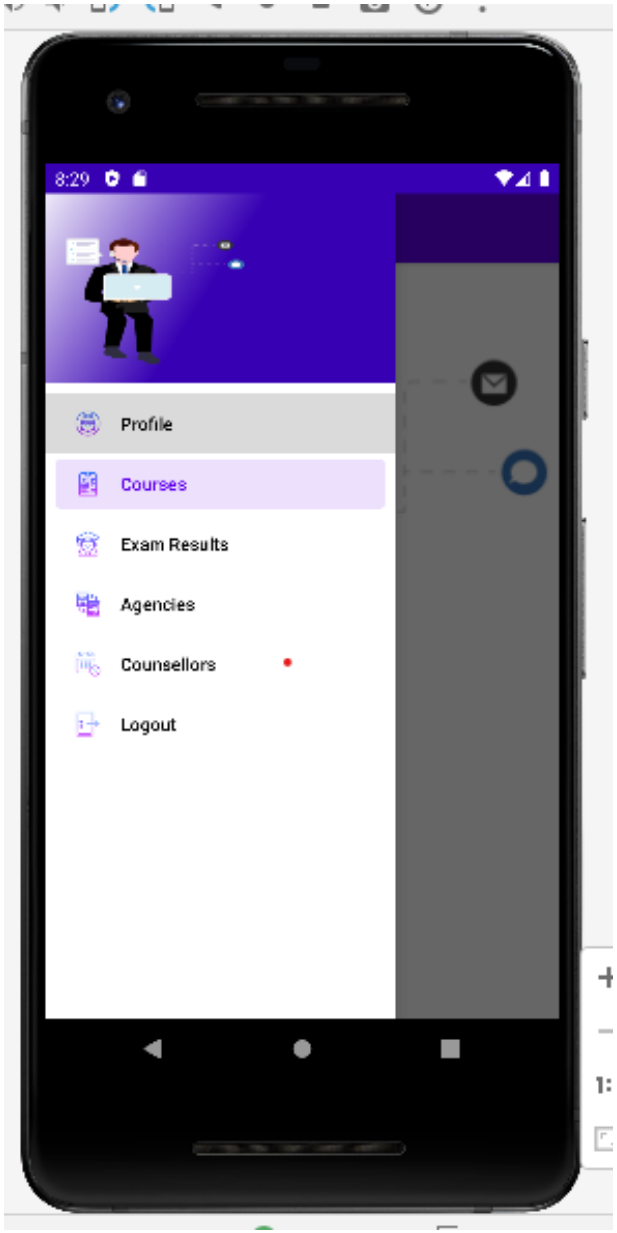


RESULTS-Android



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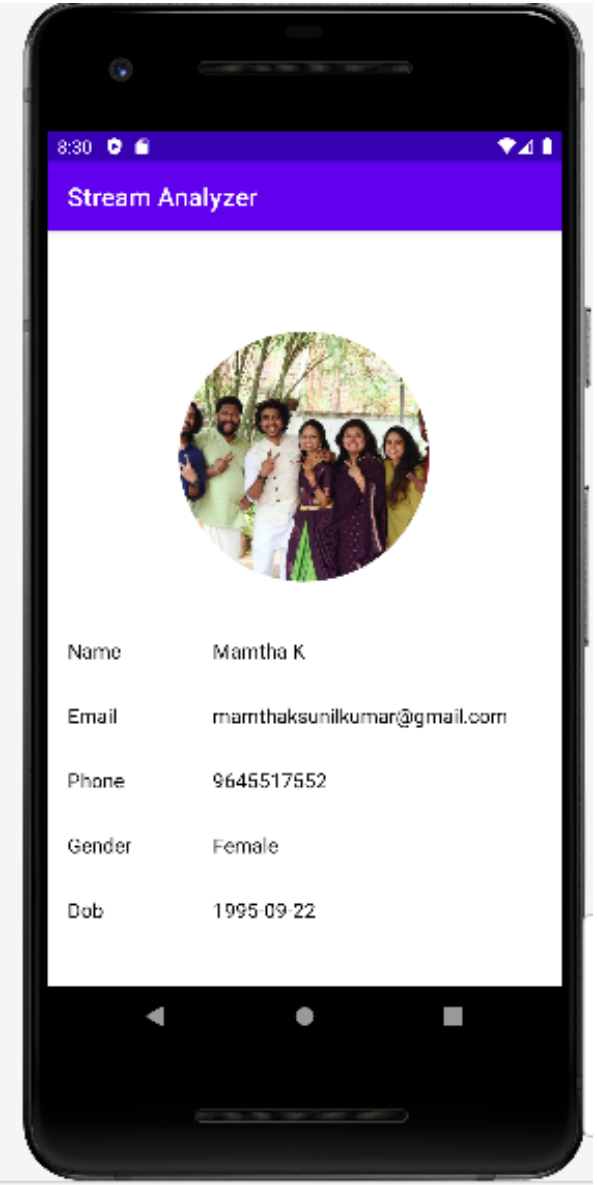

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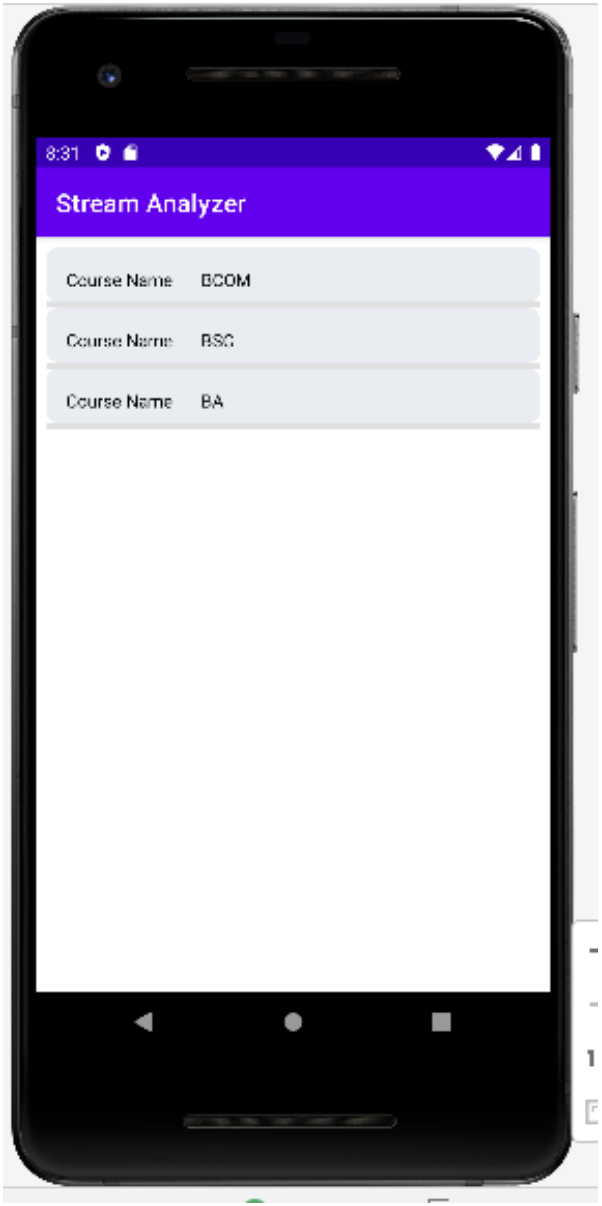

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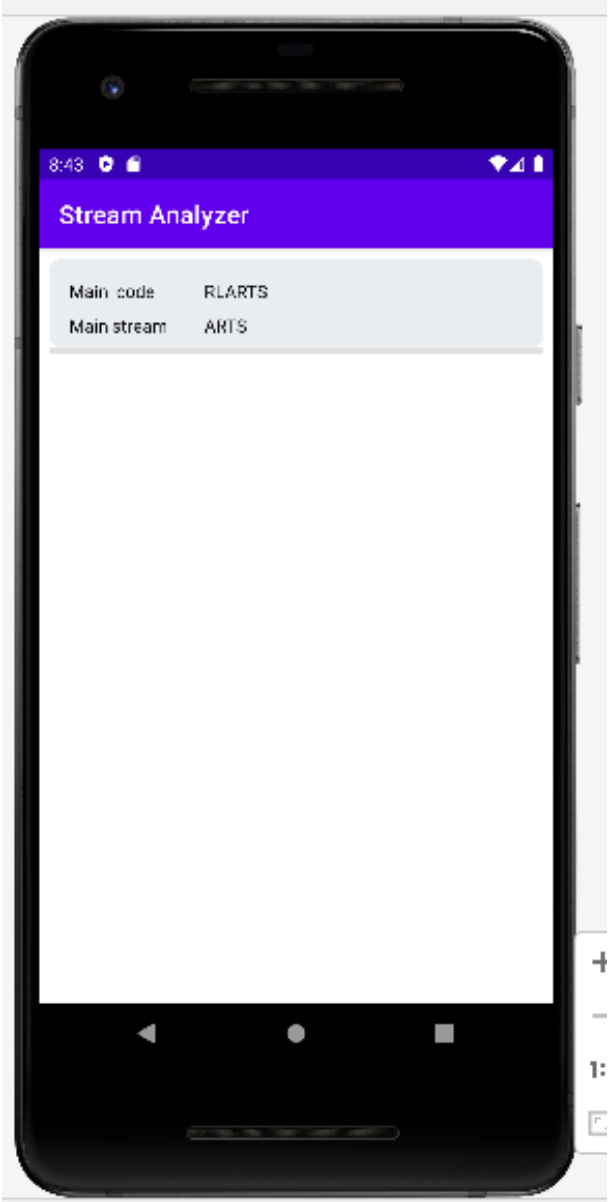

RESULTS-Android

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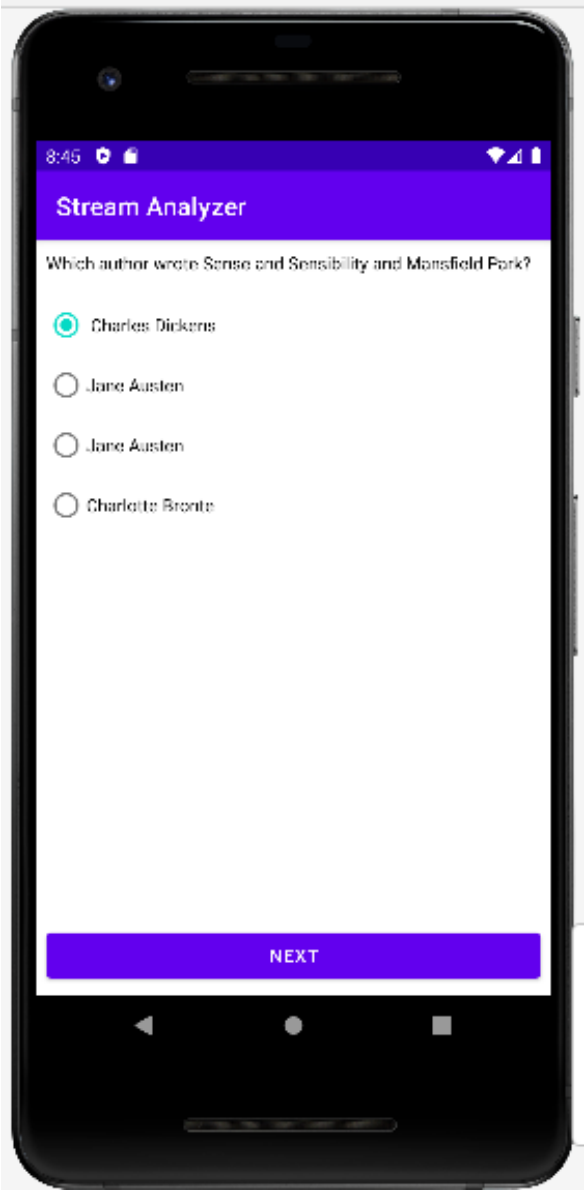

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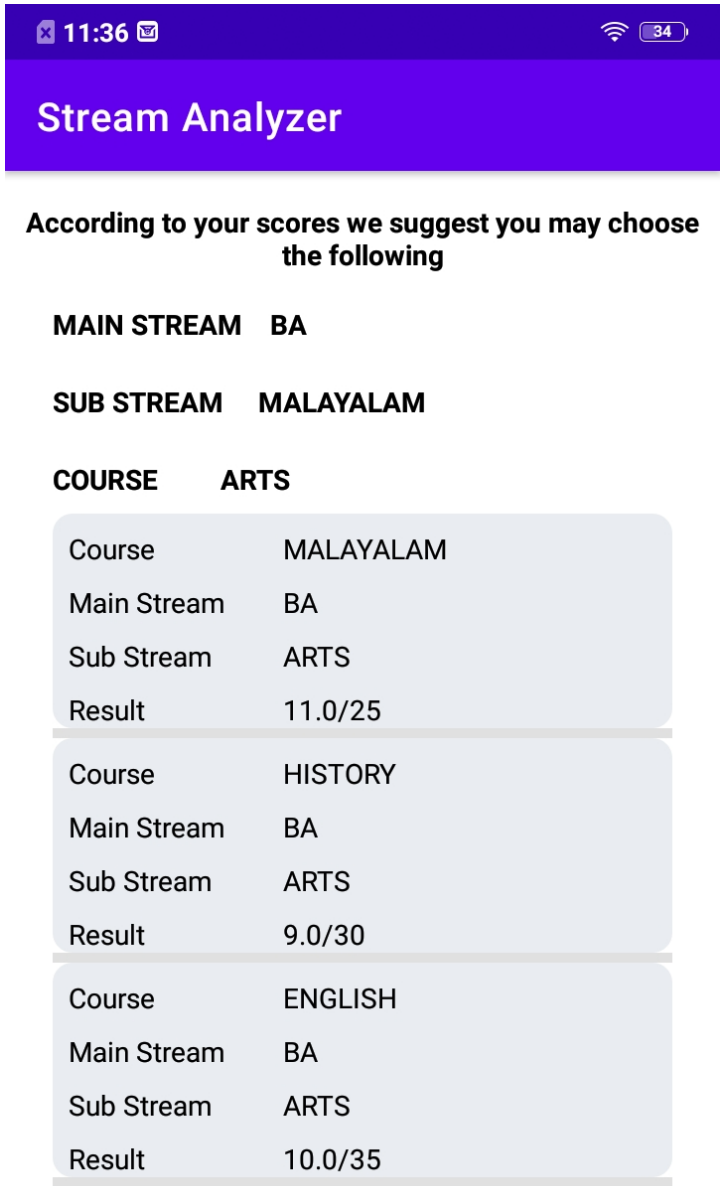

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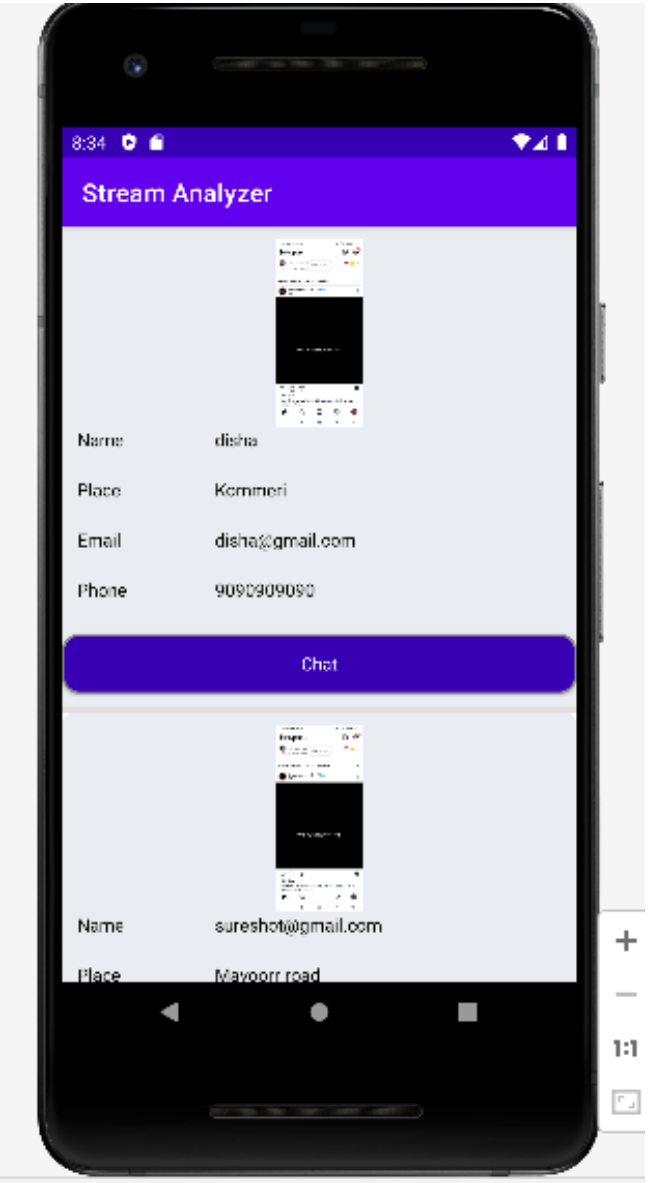

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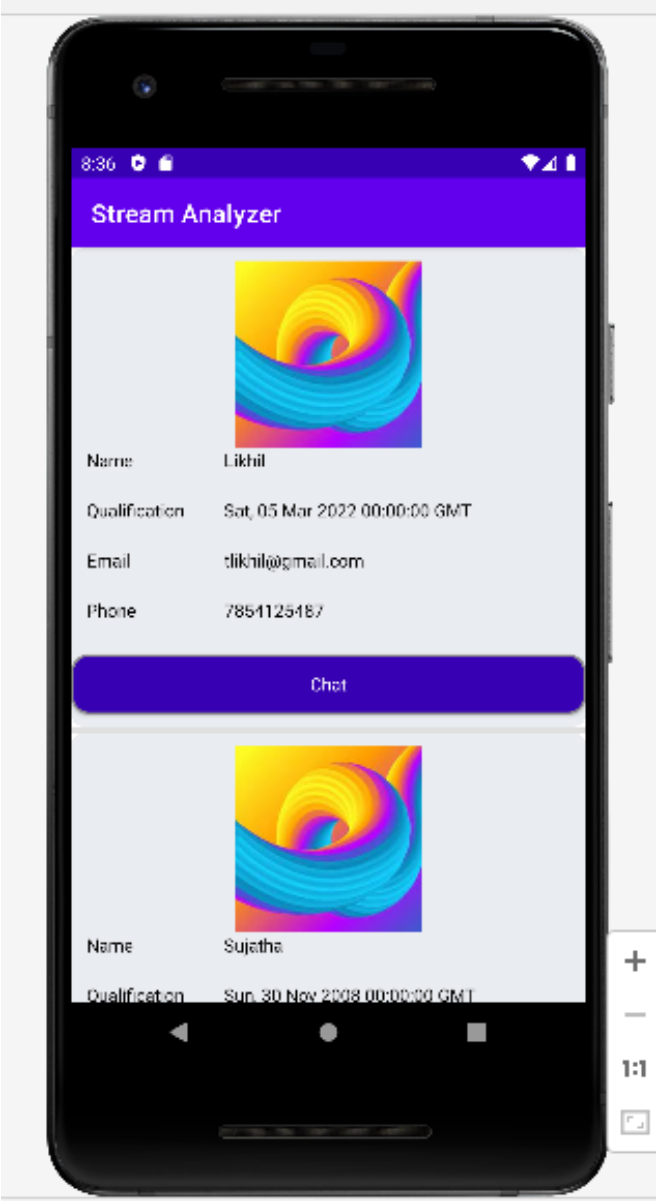

Future Enhancement

- In the future the work could be extended. Since the proposed project is targeted only for the HSC and SSC students, there still remains a wide scope for growth. In the future more functionality can be added which will facilitate the stream analysis of students from various different streams and majors. Some of the streams which can be added in the future are Engineering, medical, MBA etc. For example an engineering student can give an online aptitude test to determine which specialization he or she should pursue his BE degree in example Civil Mechanical, CSE etc.

Conclusion

- The advantage of the system over existing system was the lack of confusion in choosing courses from given set. In existing system, students get confused while choosing from a lot of courses, which may result in choosing courses that do not match their skills. The proposed system proves to be very helpful for students in choosing courses that suit their skills.

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THANK YOU