Team

● **Background**

Second year BTech students from Netaji Subhas University of Technology, Delhi.

● **Record and vision to succeed**

Tech enthusiasts who are willing to learn new technologies to work for the betterment of the society.

● **Vision/Mission**

Our Vision is to work to make others' life better and contribute towards the society while constantly improving ourselves.

Title
A functional website to cater to the needs of the AICTE and the Indian Universities by presenting all student data at one place.

Team Info

Team Leader: Harshit Mittal, 2nd Year, CSDS

Team Member 1: Rohan Sharma, 2nd Year, CSE

Team Member 2: Anoushka Gera, 2nd Year, CSE

Team Member 3: Shubhangee Pal, 2nd Year, CSE

Team Member 4: Bhagyashree Das, 2nd Year, CSE

Team Member 5: Vyom Kaushik, 2nd Year, CSDS

Problem

● Pain points/Landscape

Every year more than 6 crores of Indians graduates from diverse backgrounds and with diversity in education. The task to track students on a one-on-one basis is pretty hectic due to the huge number involved in the same. AICTE and MHRD aim to track students and colleges to help them in various processes like ease of student identification, ease of AICTE approved college tracking, ease in distribution of fellowships, grants, training. Since there is no one unique identification of students the process itself takes time as it requires to have letters from college heads which is also time taking process. Hence to track the huge number manually is hectic and a time taking process.

● Trends

Trends in the New India indicate that the number of students graduating from Indian Universities continues to increase, and is expected to continue the growth for the foreseeable future. Hence, necessitating the need for a single point solution to all the data access requirements of the AICTE and the Indian Universities.

Solution

● Proposition

Our idea brings all this information at one place, ensuring minimal hassle in storing the data of such a large number of students by linking every student's detail to his/her Aadhaar number, which is maintained by UIDAI. Hence, ensuring a seamless platform. Our idea combines every information of the students' and brings them forward to the administrators as a single product, which is a functionality that has been unexplored in catering this particular problem.

● Value to user

The user i.e. the students, colleges, AICTE extract a large value from smooth, one-point access to the student data.

Market Size

●Size of market

The size of the market is huge, with it consisting of all the students that are currently enrolled in any of the courses in any recognized institute around the country.

●Sales and distribution

The portal can be distributed to AICTE, providing them the administrator access to all of student data.

Universities can be given a login ID and a Password to access the details of their own students.

Market Validation

Development time

The entire project, with all its functionalities included in the present form took an approximately a day to get the initial prototype working. More functionality is planned to be added.

Product

- Architecture
- Ecosystem
- Adjacent markets
- Metrics
- Saleability
- Channels

Business Model

- Opportunities- As a service, Product etc.

We want to promote it as a service offering, with the data being directly planted in to the website framework from the UIDAI, AICTE and Indian Universities' servers.

- Sources of revenue

We do not intent to develop this product as a source of monetization. It'll be an insider website for the use of everyone involved in the College Education System in India.

- Intended customer base

The officials of the AICTE, dealing with the data of such large number of students and the Indian University officials alongwith the students who also play a major role in the successful functioning of this website.

Competition

●Defensibility

We offer protected view of the student data such that a student can view only his/her details and the data Privacy is maintained. The interface of the website is simple and easily usable by the masses.

●Niche

Student validation using Aadhar card and login using student generated credentials.

Financial model and projections

- Investment to develop- Material and manpower
- Assumptions
- Return on Investment

Competitive advantages

- Partnerships

- Strengths of technology/Team (USPs)

Mongodb is highly scalable and work efficiently on large data sets.

User interface is smooth and easy to use.

The team is well versed with the tech stack used and willing to explore new domains if needed during the completion of the project.

Assumptions and risks

- SWOT /PESTEL ANALYSIS

- CONCERNS and RESPONSES

Concern : Addition of false data either from the college or by the students.

Response : we intend to follow a two way verification process where the data will be updated only if it is verified by both college and student.

- Risks and precautions

Managing a large amount of sensitive data as the problem we wish to tackle, brings up unauthorized access issues, along with data consistency and data reliability promises. Our prototype ensures that much of the data is either directly sourced from UIDAI or is stored permanently only after proper approval from the college authorities. For the security issues, we plan on developing it further to cover any deficiencies which might be present in our code.

Summary

Every year more than 6 crores of Indians graduates from diverse backgrounds and with diversity in education. The task to track students on a one-on-one basis is pretty hectic due to the huge number involved in the same. Our idea brings all this information at one place, ensuring minimal hassle in storing the data of such a large number of students by linking every student's detail to his/her Aadhaar number, which is maintained by UIDAI. Hence, ensuring a seamless platform. All Indian Universities along with the AICTE, as a proper management of students' data is a problem encountered by them all. Our idea combines every information of the students' and brings them forward to the administrators as a single product, which is a functionality that has been unexplored in catering this particular problem. We offer protected view of the student data such that a student can view only his/her details and the data privacy is maintained. The interface of the website is simple and easily usable by the masses.

Q&A

APPENDIX/BACKUP