

IDEA PHASE SUBMISSION

(Team Name – Ctrl_Alt_Delete)

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Bachelor of Technology (B. Tech.), 2020 – 24 Batch

Amrita Vishwa Vidyapeetham University, Ettimadai, Coimbatore, Tamil Nadu 641112

Education (Theme):

Problem –

Lack of alumni tracking and poor alumni interaction among students who have graduated from educational institutions across Odisha.

Details –

Universities, schools, and other educational institutions in Odisha do not have the infrastructure to track alumni and facilitate alumni interaction. Every year when students graduate from different institutions across Odisha, some of them register as alumni, however, there is no single platform for them to register, network, and communicate among themselves as well as with their alma mater.

Expected Solution –

Your solution must contain the following features:

- Information on students who have graduated from 10th, 12th, graduate, postgraduate, and doctorate degrees must be captured.
- A single, bi-lingual platform for the alumni to register and facilitate interaction among the alumni as well as with their alma mater

Stakeholders –

- Public
- Government
- Institutions including schools, colleges, universities, etc.

Methodology (Implementation):

1. Register as a User

I. *Name*

- Same name as in institution ID.

II. *Primary Mobile Number*

- Give an alternate number, if available.
- Give WhatsApp number, if available.

III. *Primary Email ID*

- Give an alternate email ID, if available.
- Give institution email ID, if such facility is/was available.

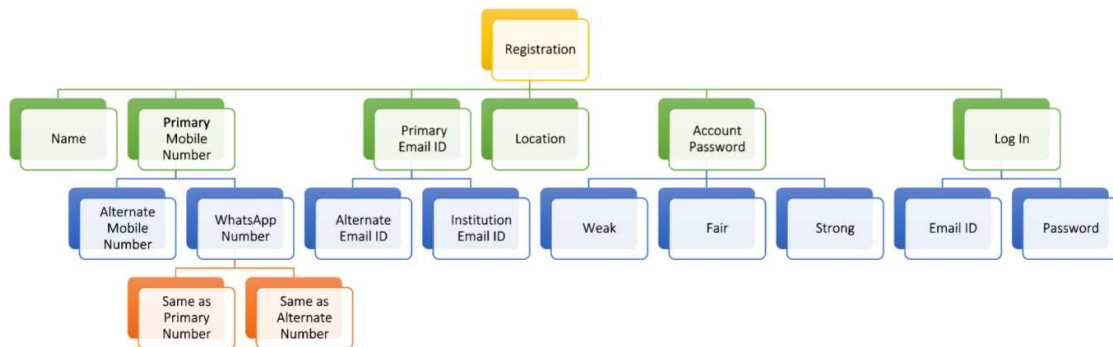
IV. *Current Location*

V. *Password*

- Classify as weak, fair and strong.
- Ask the user to give a fair/strong password in case weak.

VI. *Log In*

- Primary Email ID
- Password



Result 1 – Register as a User

2. Profile Page

I. *Already Registered Details*

- Name
- Mobile Number
- Email ID
- Current Location

II. *Birthday*

III. *Tagline*

- In not more than 50 words.

IV. Hashtags

- Used in posts; will be detected automatically by the software.
- Captured in profile only after a certain threshold is crossed for a particular hashtag.
- No manual input available.

V. About

- In not more than 500 words.

VI. Education

- Level – 10th, 12th, Graduate, Post Graduate, Doctorate
- Duration – Start Month/Year; End Month/Year
 - Currently pursuing tag added upon detection of duration.
- Grade – CGPA (out of total) & Percentage

VII. Experience

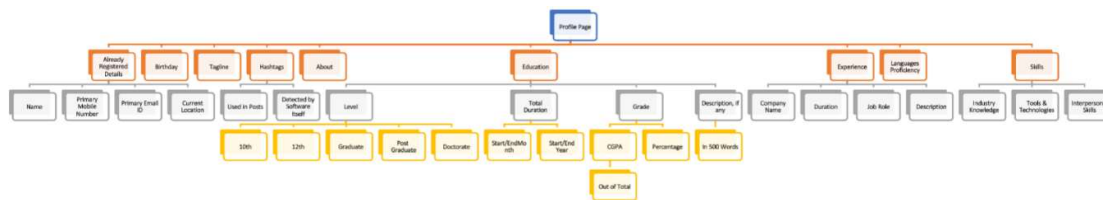
- Company Name
- Duration
- Job Role
- Description

VIII. Language Proficiency

- Full Professional
- Professional Working
- Limited Working
- Native or Bilingual
- Elementary

IX. Skills

- Industry Knowledge
 - Tools & Technologies
 - Interpersonal Skills
- } Rate yourself as basic, intermediate and advanced.



Result 2 – Profile Page

NOTES

- Job opening feeds will be personalized based on the skill set and experience required for the job role.
- Award a Score for Profile Completion – 9 Processes, 9 Star Rating.
- Rating will be used to categorize the top 10 profiles on the networking page.

ELIZABETH T HENRY
 Fouder of Educative, Inc..
 Domains known Frontend, Backend engineering, Full stack development
 Education-10th, 12th grade-bhubhaneshwar govt. school
 cgpa-7.25
 #educative founder Inc #computer enthusiast

ALUMNI CONNECT

- Educative, Inc.
- MIT, CALIFORNIA-UNITED STATES
- See Contact Info
- 500+ connections

Message **More...**

Summary:
 I'm a sales rep dedicated to helping local Oklahoma City services businesses grow their customer base and decrease customer churn. I have 6 years of experience in local sales and I've consistently met and exceeded my quota throughout my career. Within the last year, I've topped our leaderboard six out of 10 months. On average, I close business 10% faster than my peers."

Result 3 – Final Profile Page

3. Networking Page

I. *Graduating Year-Wise Alumni*

- 10-Year List – Shows decade-wise division of all the years. For example, 1980-1990, 1990-2000, 2000-2010 and so on. Upon decade selection, the user can select a specific graduation year.

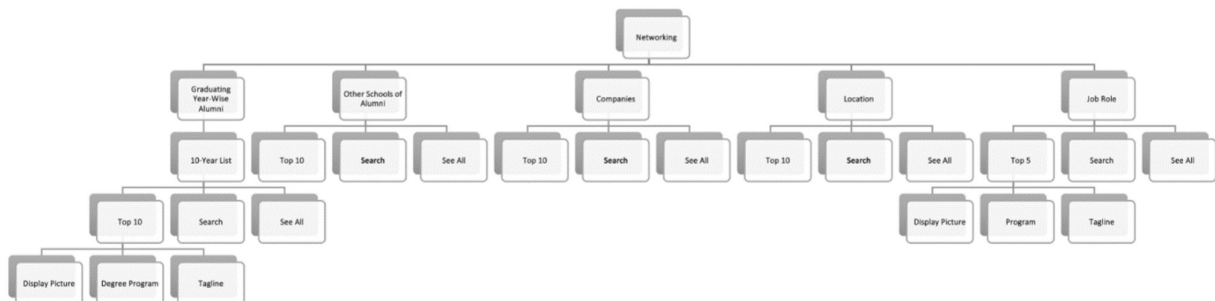
- Top 10 – An initial list showing the top 10 profiles along with their display picture, degree program and tagline. The top 10 are decided based on their profile completing rating.
- Search – Look for particular alumni.
- See All – Opens the entire list of students who graduated in the chosen year.

II. *Other Schools of Alumni* – Apart from the current institution, displays the list of other schools where alumni have studied.

- Top 10 – List of top 10 institutions alumni have joined. The top 10 are decided based on the maximum number of students joining the same institution apart from the current one.
- Search – Look for a particular institution.
- See All – Opens the entire list of institutions.

III. Companies
IV. Location
V. Job Role

} Sub-Divisions –
Same as I and II.

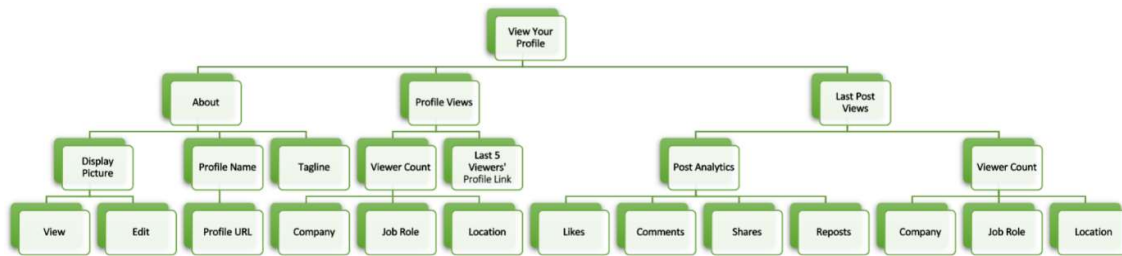


Result 3 – Networking Page

4. Home Page

I. *View Your Profile*

- About – Just below your display picture and profile name. Clicking on your name directs you to the profile URL. Clicking on your display picture directs you to view or edit the image.
- Profile Views – Number of users who visited your profile in the last 90 days. Clicking on the count value directs to profile analytics.
- Last Post Views – Number of users who viewed your last post. Click on the count value directs to post analytics.



Result 4 – Home Page: View Your Profile

II. Write a Post

- Share an Update – A new job taken up or joining an education institution. Any addition to the “Position” and “Education” sections of your profile will be automatically posted after seeking consent from the user.
- Job Opening – Talk about a job post available along with relevant details such as job role, company name and location. Once posted, clicking on the job role directs to more descriptive details of the same such as the required technical/professional expertise, apply link, bookmark and share it as a text message.
- Events – Any relevant event held; details to be posted are the same as that of the job opening.
- Referrals – Share relevant details of the job you have applied for and ask for a referral. Fellow users available to assist can get in touch through messaging.
- Mentorship – Register as a mentor or mentee along with relevant details about the program and fellow users available to assist can get in touch through messaging.
- Reactions – Like, comment, share (text message) and repost.
- Hashtags – Auto-detect text in the post and suggest relevant hashtags.

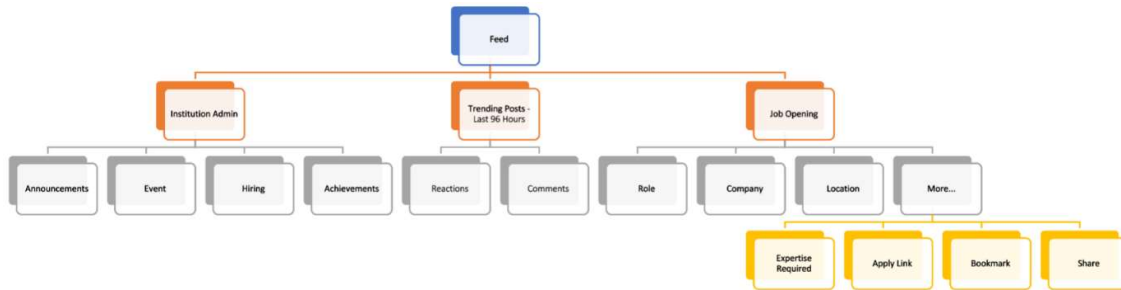


Result 5 – Home Page: Write a Post

III. Feed

- Institution Admin – Posts from institution admin ranging from announcements, events, hiring processes and achievements taking place within the institution.

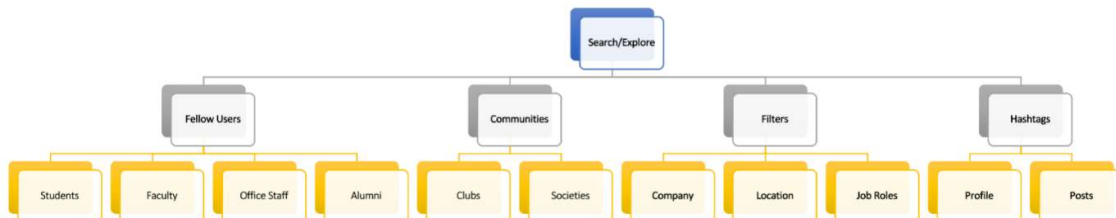
- Trending Posts – Posts with more reactions and comments from the last 96 hours.
- Job Openings – Any job opening that matches your skills, location or experience level that you have in your profile.



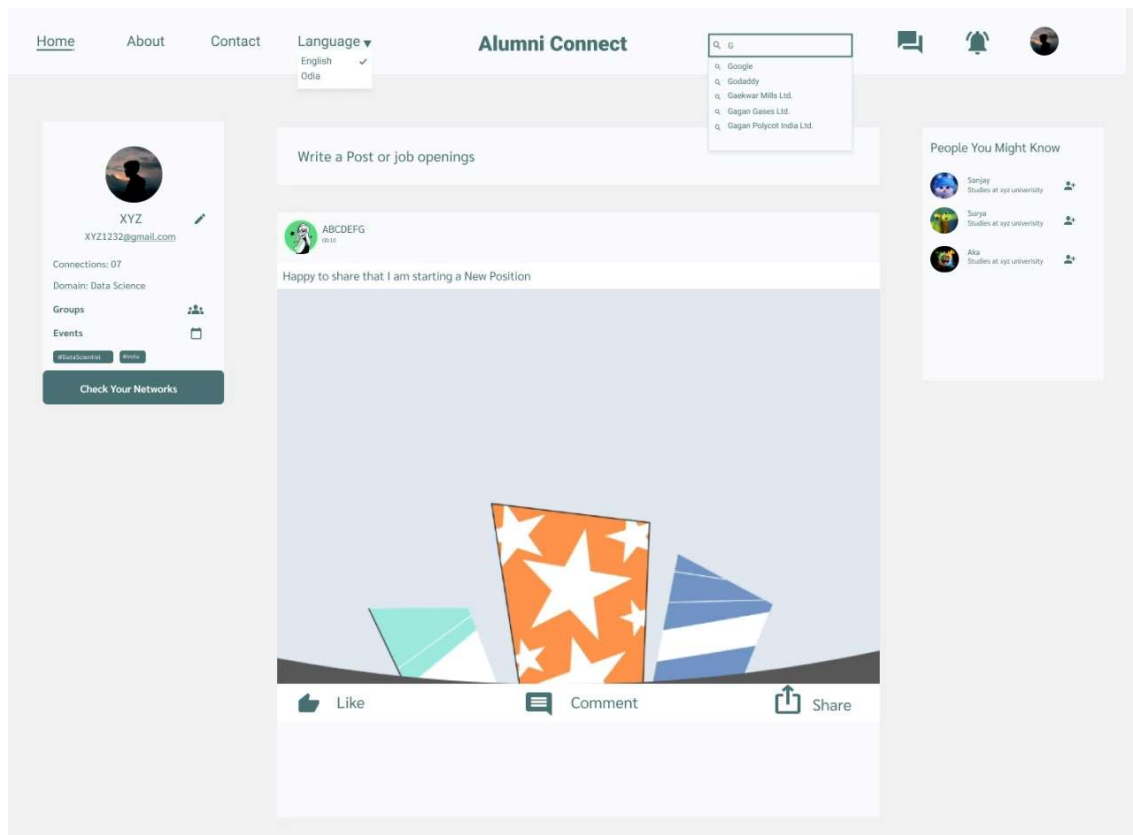
Result 6 – Home Page: Feed

IV. Search/Explore

- Fellow Users – Search for the profiles of fellow users who could be a student, faculty, office staff, alumni, etc.
- Communities – Groups or club pages within the institution; this allows greater penetration.
- Filters – Search filter could be applied based on company, job roles or location that matches the fellow users' profile.
- Hashtags – Search based on hashtags will direct results to the corresponding posts and profiles.



Result 7 – Home Page: Search/Explore



Result 8 – Final Home Page

5. Messaging Page

I. *Message Via Profile Page*

- Visit the profile page of any user and send a message.

II. *Birthday Reminders Via Notifications Page*

- Brought to the Messing Page via the Notifications Page.
- The default text “Happy Birthday, <name>!” is ready.

III. *Create Groups/Communities*

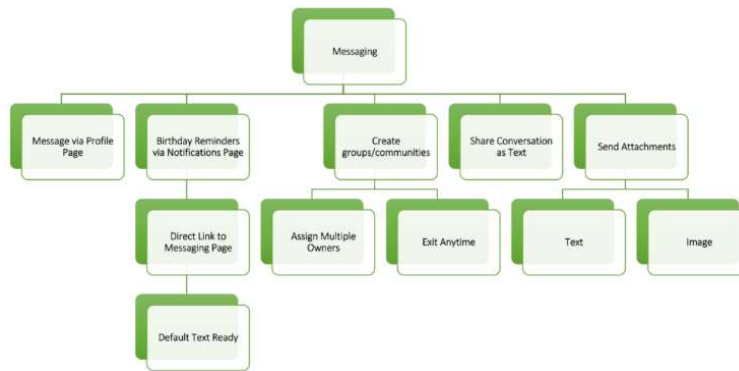
- Bring in multiple users to a single location.
- Groups can have multiple owners to add or remove any participant.
- The participant can also exit the group anytime.

IV. *Share Conversation as Text*

- Any conversation between users or group participants can be shared as a text message, that includes the user’s name, date, time and message of the entire data.

V. *Send Attachments*

- Text and image media support available.



Result 9 – Messaging Page

6. Notifications Page

I. *Profile Changes Implemented*

- Any changes to the profile name, display picture and contact details will be notified.
- Profile Views – Number of users who visited your profile in the last 90 days.
 - Viewer Count – The number of users visiting your profile along with the most viewed company, job role and location.
 - Last 5 Viewers' Profile Link – Directed to their profile.

II. *Post Shared Successfully*

- Reactions – Notify when someone reacts (like, comment, share, repost) to your post.
- Post Analytics – Directs to the analysis of the post including classification based on the viewer's job role, location and company.

III. *Birthday Reminders*

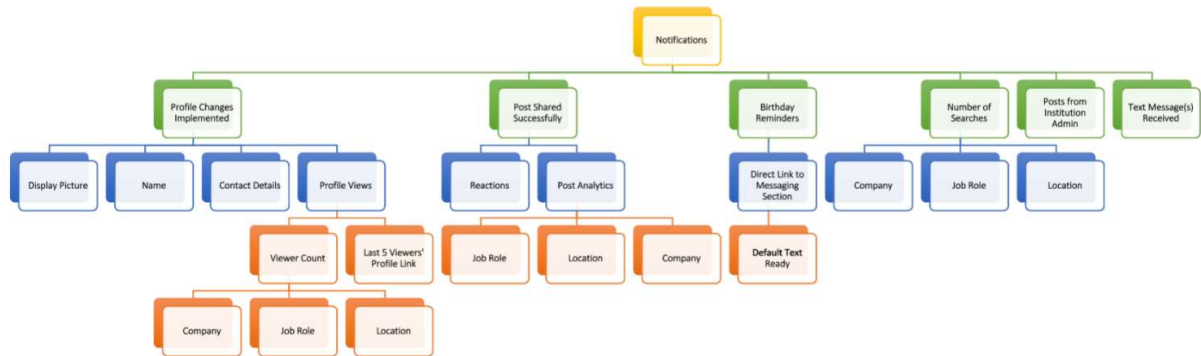
- Shows the list of users who have their birthdays on a given day.
- Clicking on the name directs them to their profile.
- Clicking on the message icon directs to the messaging platform where the default text "Happy Birthday, <name>!" is present.

IV. *Number of Searches*

- Users who searched for your profile are classified based on their company, job role and location without revealing other details such as name and profile links.







V. *Posts from Institution Admin*

VI. *Replies for Text Messages Sent (or) New Text Message Received*



Result 10 – Notifications Page

Technology Stack (Applications):

	Integrated Development Environment (IDE)	Microsoft Visual Studio Code Extensions Anaconda Tools
	Machine Learning Model Automation	Data Cleaning Data Preprocessing Classification Methods Cluster Analysis
	Python Programming Language	NumPy Pandas Streamlit Translate
	Front End Web Development	HTML JavaScript CSS
	Back End Web Development	PostgreSQL Database Firebase Flask
	Bi-lingual Platform	Translating A Phrase Translating A DataFrame Page Translation – HTML/XML

Building Plan After Campaign:

1. Cloud-Based Architecture to Store Data
2. Cyber-Physical Systems
3. Mobile Application Development
4. Chat-Based Support System