

1

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

🕒 5 minutes







**PROBLEM**

To develop an end-to-end web application capable of displaying the current job openings based on the user skillset. The user and their information are stored in the Database. An alert is sent when there is an opening based on the user skillset. Users will interact with the chatbot and can get the recommendations based on their skills. We can use a job search API to get the current job openings in the market which will fetch the data directly from the webpage.



Key rules of brainstorming

To run an smooth and productive session

-  Stay in topic.
-  Encourage wild ideas.
-  Defer judgment.
-  Listen to others.
-  Go for volume.
-  If possible, be visual.

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

**Abishek**

Return percent match by job type

Scoping the Project

Scraping Data

Data Cleaning

Topic Modeling

Build Classification Algorithm

**Deepika**

Build PCA Chart building Function

Build Keyword Matching Feature

Add Media Files to Your Profile

Select a dropdown of different job archetypes

Natural language processing

machine learning

**Aathmiga**

Resume Parsing

Topic Modeling Via Harris Factorization

TF-IDF Based Job Matching

Word2vec Based Job Matching

Data preprocessing

Content-Based Filtering Algorithm

**Kanishkar**

collaborative filtering

hybrid score calculation

Timely notifications

Enter the queries in chatbot

Enable filters

Search jobs according to the skills

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕒 20 minutes

**Future work**

Enter the queries in chatbot

Search jobs according to the skills

Timely notifications

Return percent match by job type

Build Keyword Matching Feature

Scoping the Project

**Improving application**

Scraping Data

Select a dropdown of different job archetypes

Topic Modeling Via Matrix Factorisation

Topic Modeling

Resume Parsing

Enable filters

**Techniques**

Content-Based Filtering Algorithm

collaborative filtering

hybrid score calculation

Word2vec Based Job Matching

Build Classification Algorithm

Data preprocessing

**Additional features**

machine learning

Build PCA Chart building Function

Add Media Files to Your Profile

TF-IDF Based Job Matching

Data Cleaning

Natural language processing

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕒 20 minutes

