

1

Problem Statement

To predict the opportunity of a student to get admitted to a master's program in a university

🕒 5 minutes

PROBLEM

How might we predict the admissibility of a student in a university?



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

Sukumar A S

- Create a community of alumni, faculty, aspirants
- Do exploratory data analysis
- Flutter for front-end
- Provide scholarship facility
- Use Decision tree algorithm
- Varsity appearance in media

Sri Vathsan P

- Add website link of varsity
- Provide info about previous year cut-off
- Use KNN model
- Use React.js for front-end
- Finance assistance
- Display latest updates

Shyam Sunder S

- List R & D project
- Use Random Forest Algorithm
- Use Angular JS
- Use Data Visualization Tools
- List Placement Activities
- Attach campus tour

Sharanesh S

- Provide guidance pdf
- Eligibility Predictor
- List prominent alumni
- Use Linear regression
- Add varsity website link
- Provide previous year cut-off

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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

Front end

- Use Angular JS
- Flutter for front-end
- Use React.js for front-end

Menu bar

- Varsity appearance in media
- Create a community of alumni, faculty, aspirants
- List Placement Activities
- List R & D project
- Provide guidance pdf

Analysis

- Use KNN model
- Do exploratory data analysis
- Use Random Forest Alg
- Use Data Visualization Tools
- Use Linear regression
- Use Decision tree alg

Home page

- List prominent alumni
- Add website link of varsity
- Add varsity website link
- Display latest updates
- Attach campus tour

Admission

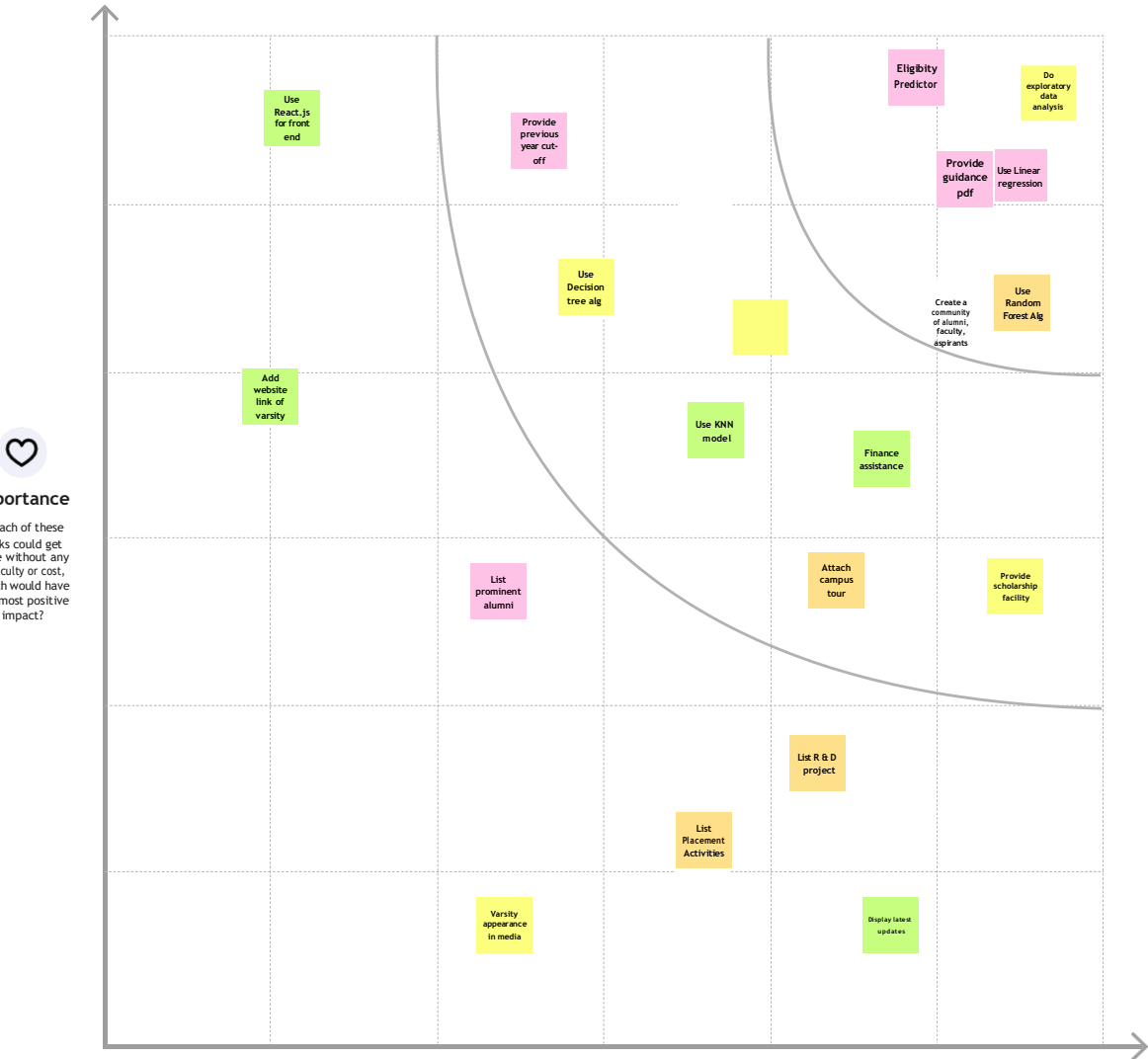
- Provide previous year cut-off
- Eligibility Predictor
- Provide info about previous year cut-off
- Provide scholarship facility
- Finance assistance

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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



Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?



Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

