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POSTMAN

JET BRAINS

Team member details

Team Name	404				
Institute name	Indian Institute of Information Technology, Guwahati				
Team members >	1 (Leader)	2	3	4	5
Name	Soppa Prasunna	Priyanshi	Madhumita	Nikita Gupta	Mansi Thakare
Batch	2023	2023	2023	2023	2023

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Functionalities of product

- What is the product's USP?
  - Bad word filter
  - Take user ratings /suggestions after each conversation and display stars accordingly on mentor's profile
  - Graph-based representation of user behavior and forward that report to mentor for better judgement and user targeted conversations
  - To detect if a mentor has taken a screenshot of chat with user while using the app to respect user's faith in application
  - User can meet the closest experts for in-person conversation

- What is the technology used for the product? - Are there any licensed tools being used?
  - MERN stack, Bootstrap
  - Firebase, WebRtc
  - Websocket API

- How easy it to scale the product to any new template?
  - This application can be scaled up to general public of all age groups.
  - It can also provide a stage to certified therapist and help them getting their clients easily.
  - We can extract the behaviour cycles of users and find similarities among whole youth

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Product Specifications

Technical and physical specifications

- A dedicated voice / video session with an expert
- One to one convo
- Chat rooms where multiple people can talk about their feelings
- Weekly analysis
- Users can give ratings and suggestions for mentors and user experience
- Bad word filters
- User privacy is maintained, by not recording the chat between mentor and user (Screenshot detector)
- Closest in-person meeting with mentor
- A WebRTC based internal communication system
- Websockets for real-time chatting module
- Anonymous identity option

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Product limitations

Are there any limitations compared to the requirements?

- You cannot book mentor appointments.
- Life threatening severe cases not handled(because our mentors are not certified), redirected to suicide helplines!
- Chats are not stored.

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Brief on Programming Module

- What programming language will be used?

  C++ / Python, JavaScript

- What all software modules will be built?

  - UI/UX
  - Application feedback / features by users
  - Chats (one to one, anonymous ,groups)
  - Live video / voice calls with mentor
  - Behavioural Analysis

- If you're using any cloud solutions, mention details about integration with that:

  - Netlify / Heroku (for hosting)

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Execution plan

What will be the steps from the drawing board to the actual prototype ?

- UI/UX design- Prasunna
- Chatting/video system - Madhumita and Priyanshi
- Reports/articles and good interface - Nikita
- Application feedback/features- Mansi

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