

1. LockedUpCoders

2. Members Name and Phone Numbers

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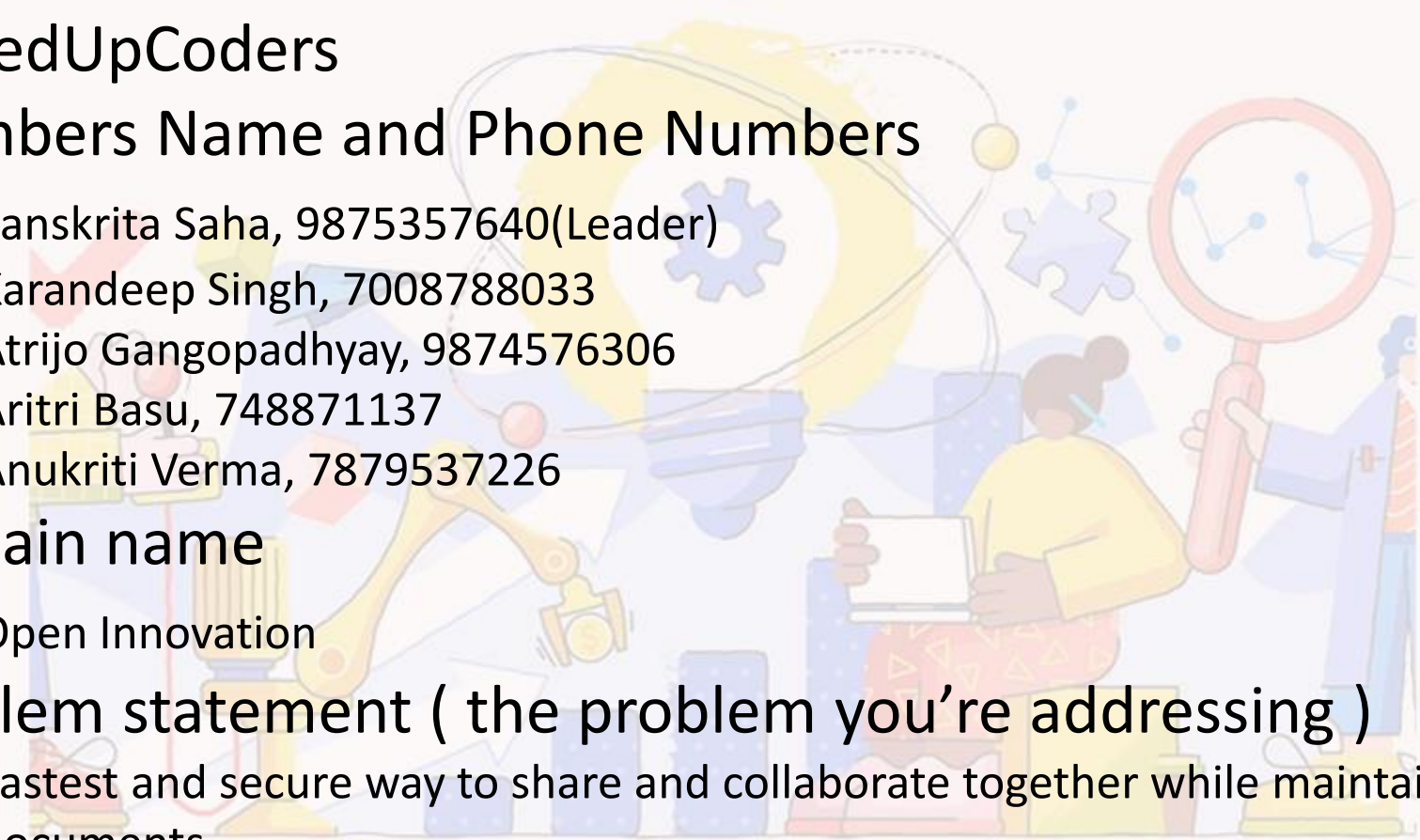
Anukriti Verma, 7879537226

3. Domain name

Open Innovation

4. Problem statement (the problem you're addressing)

Fastest and secure way to share and collaborate together while maintaining documents.



ABSTRACT

DocStream full form is Document Stream, as name suggest DocStream allows **users to host their documents, allows access from anywhere, allows teammates to collaborate in real time.**

DocStream allows a 2 step solution to host documents which is the minimum it could be 😊.

- Enter any xxxx in url such that **docstream/xxxx** ,if available then its yours.
- Edit Document or copy paste a local document to host online.
- You are done, simply share the link with team or with friends.
- Note:- User have an option to secure the document by adding a password, others who want to access the link will have to enter the password.
- Encrypt all your documents and passwords access them anywhere.

This is an alternative to google docs which is faster and more secure.

NOVELTY

- Shorter links and customized links - easy to remember .Ex- docstream/mydoc
- No more need of email ids, phone numbers for authentication, thus securing privacy.
- You can secure your own doc with your own customised password.
- User presence online is not detected – since no sessions or cookies.
- Encrypt all your documents and passwords access them anywhere.
- Simple. Fast. Free. No ads. Secure
- Google Docs is far from secure, and their Privacy Policy says that your notes may be viewed where necessary 'to comply with our legal obligations, such as responding to warrants, court orders or other legal process.' But our app is truly secured software compared to this.

TECHNOLOGY STACK

Client Side

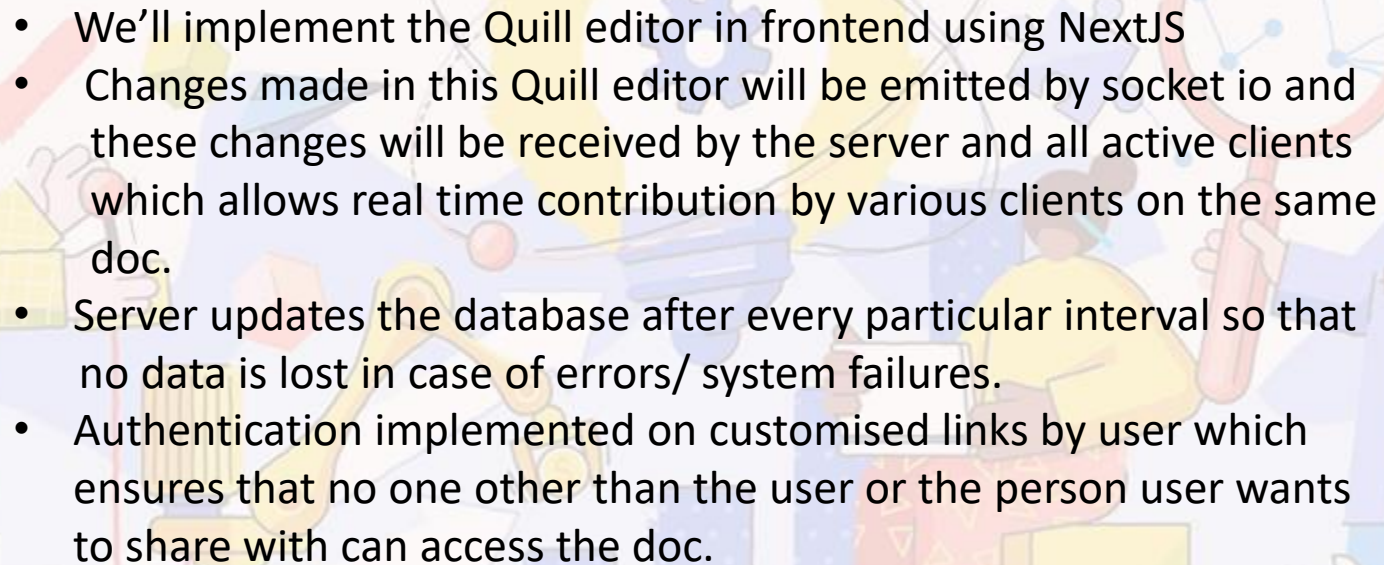
- Next JS
- Socket IO/client
- Tailwind CSS
- Quill JS- Text Editor

Server Side

- MongoDB
- Socket IO
- NodeJS



SOFTWARE IMPLEMENTATION

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- A colorful, stylized illustration in the background showing a person in a yellow shirt working at a desk with a laptop. There are various tech-related icons like gears, a magnifying glass, and a lightbulb. The overall theme is software development and collaboration.
- We'll implement the Quill editor in frontend using NextJS
 - Changes made in this Quill editor will be emitted by socket io and these changes will be received by the server and all active clients which allows real time contribution by various clients on the same doc.
 - Server updates the database after every particular interval so that no data is lost in case of errors/ system failures.
 - Authentication implemented on customised links by user which ensures that no one other than the user or the person user wants to share with can access the doc.

BUSINESS SCOPE

This software will have 2 versions-

- Free version : The current maximum length is a bit more than 750 000 chars per page.
- Pro version :
 - There's no limit on characters per page.
 - We'll also provide an android app that can
 - sync notes,
 - lock and unlock notes,
 - works offline, and
 - also keep a backup of notes

