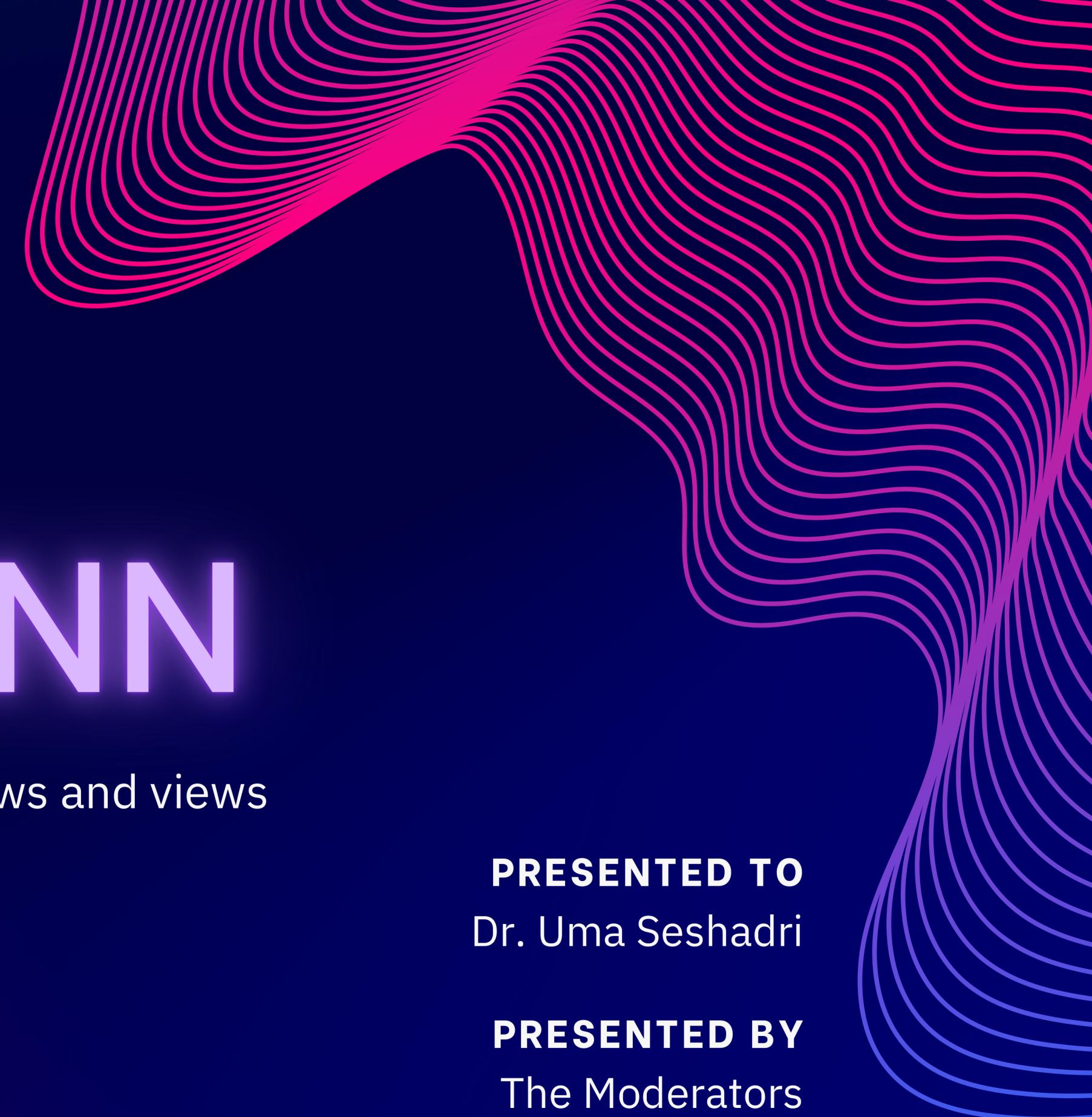




THEBLOGPENN
WRITE. UNLEASH. SHARE.



THE BLOGPENN

A platform for everyone to blog and get authentic news and views
from across the globe

PRESENTED TO
Dr. Uma Seshadri

PRESENTED BY
The Moderators

19 April, 2023



MEET THE TEAM

Nikhil Karthik
21BCS024

Anish Kumar
Sinha
21BCS010

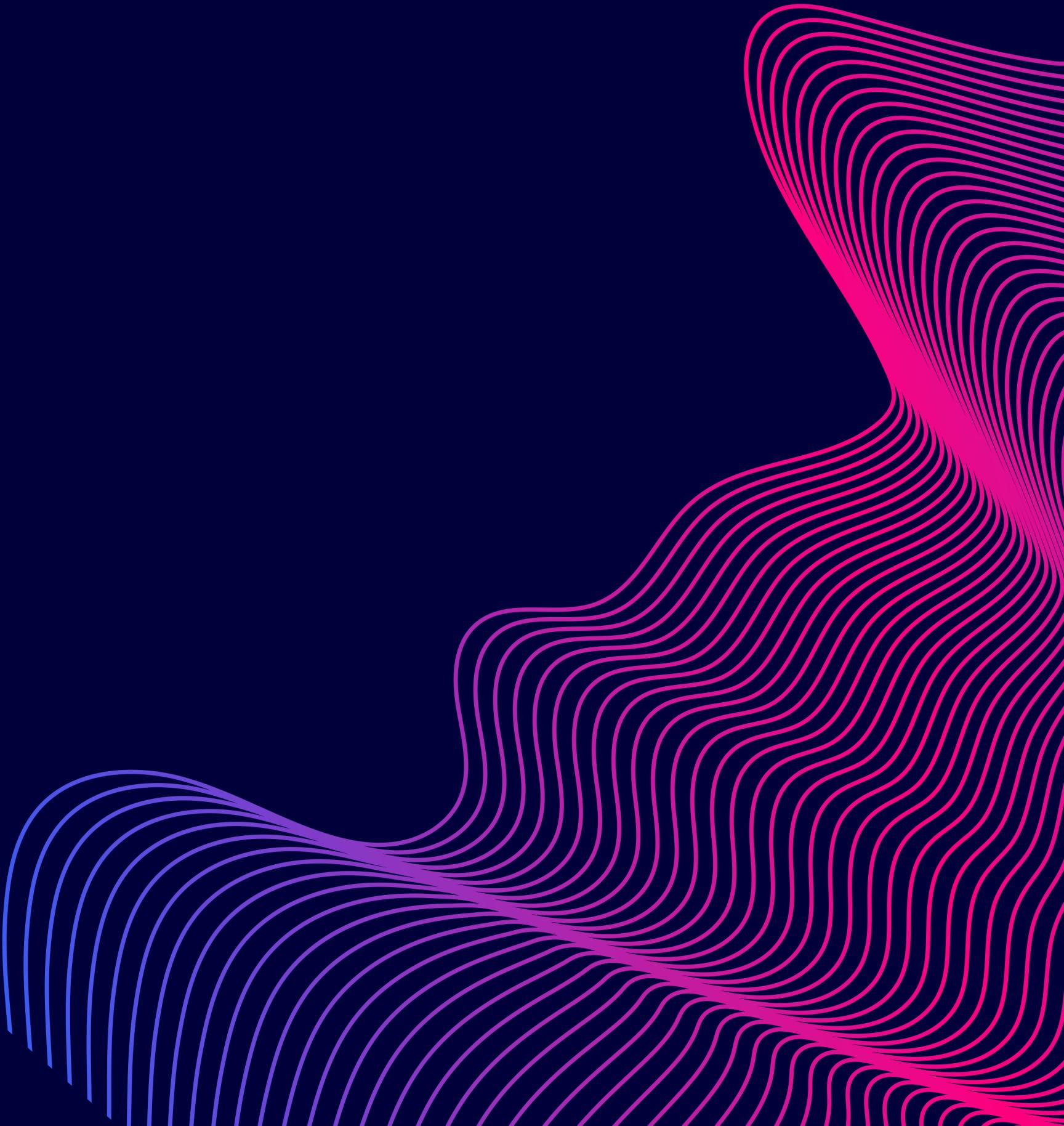
Anand Kumar
Singh
21BCS009

Avaneesh
Sundararajan
21BCS020

Ankur De
21BCS011

OUTLINE

1. What is BlogPenn?
2. Unique Features
3. Demonstration of project
4. What we used from this course
5. Technology Used
6. Future Scope



Now, what is BlogPenn ?

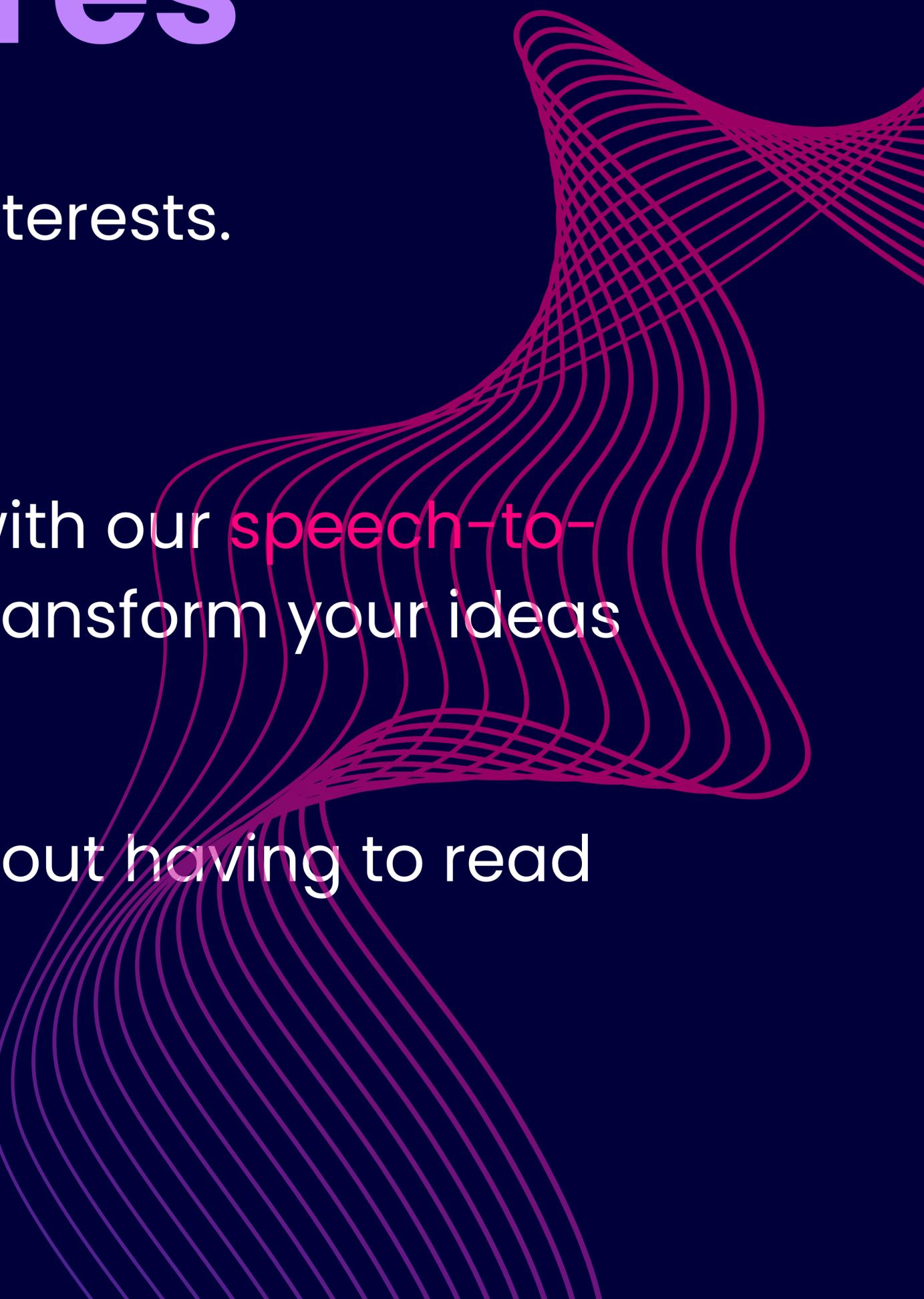
BlogPenn is a blogging platform.

As simple as that.

Why BlogPenn ?

- 1> Speech Recognition and Speech Synthesis
- 2> CMS integrated with social media features
- 3> Visually Appealing Interface

Unique Features

- 
1. Generate Blogs Which Are Similar To User's Interests.
 2. Social Networking Features.
 3. Revolutionize the way you create content with our **speech-to-text feature**, empowering you to effortlessly transform your ideas into written blogs by simply speaking.
 4. Allowing you to enjoy our blog content without having to read a single word(**text-to-speech feature**).
 5. Preview Your Blog.

Features

- 
- 1. Registration
 - 2. Create Blog
 - 3. Search Users
 - 4. Add and Remove Friends
 - 5. Explore
 - 6. Search, Like and Comment
Blogs
 - 7. Forgot and Reset
Password

What did we use from this course?

- 1) Agile Methodology : Scrum
- 2) Black Box Testing

Technologies Used



Postman



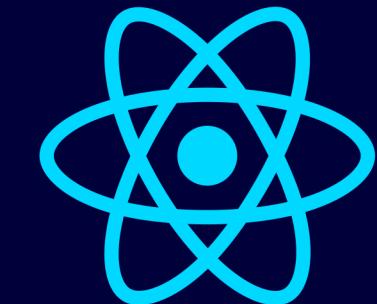
TailwindCSS



ChatGpt



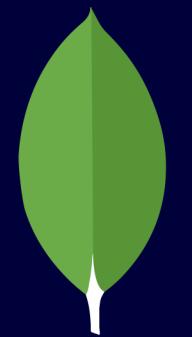
Nodejs



React



Cloudinary



mongoDB

Future Scope

1. Global chatting
2. Multilingual speech recognition and speech synthesis

**SCHEMAS
USED TO MANAGE
OUR
DATABASE**

project.user_details

 VISUALIZE YOUR DATA

STORAGE SIZE: 36KB LOGICAL DATA SIZE: 1.81KB TOTAL DOCUMENTS: 5 INDEXES TOTAL SIZE: 36KB

Find

Indexes

Schema Anti-Patterns 0

Aggregation

Search Indexes

 INSERT DOCUMENT

Filter 

Type a query: { field: 'value' }

Reset

Apply

More Options 

```
Lname: "De"  
EmailId: "angoorcodes@gmail.com"  
Password: "$2a$12$tqhrZ5bnIG.N3XWyWsY6Y.sR8QExzfVNxb5C/eLPfWnHyok9eiJpW"  
► Interests: Array  
► Friends: Array  
► tokens: Array  
__v: 0  
verifytoken: "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfaWQiOiI2NDNhZWJlODg5YWZmN2ZlY..."
```

```
_id: ObjectId('643bd8135f2f5af3adf2311a')  
UserName: "Avaneesh020"  
Fname: "Avaneesh"  
Lname: "S"  
EmailId: "avaneeshsundar@gmail.com"  
Password: "$2b$10$Jqako4JST3aJD1rpyKUEAOAfWYt3jylGknclnrJOSHCPMeGg5sSq"  
► Interests: Array
```

project.Blog_Posts

 VISUALIZE YOUR DATA

STORAGE SIZE: 280KB LOGICAL DATA SIZE: 149.05KB TOTAL DOCUMENTS: 16 INDEXES TOTAL SIZE: 36KB

Find

Indexes

Schema Anti-Patterns 0

Aggregation

Search Indexes

INSERT DOCUMENT

Filter 

Type a query: { field: 'value' }

Reset

Apply

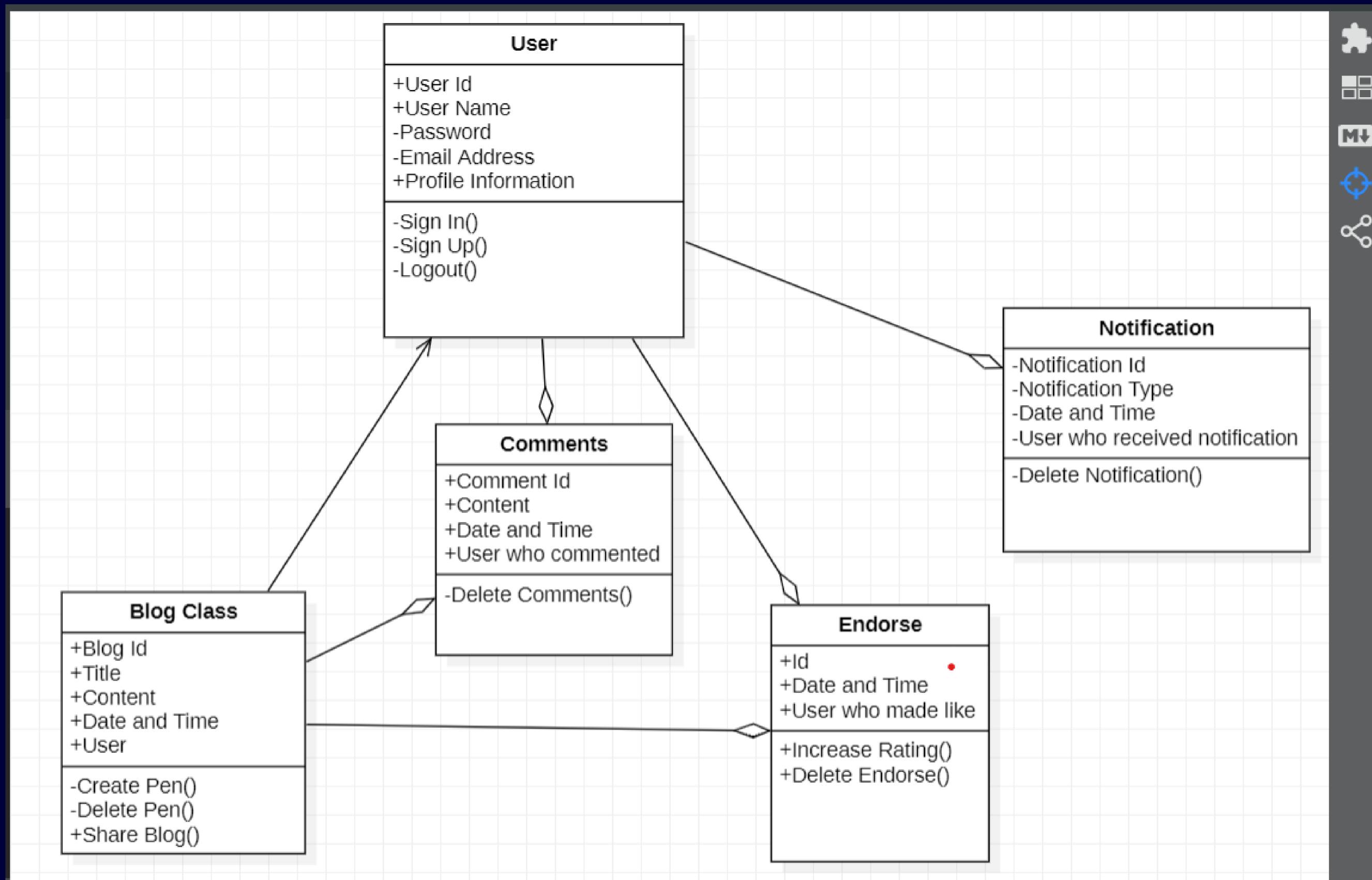
More Options 

```
_id: ObjectId('643aecb50d438967eb357f09')
Owner: ObjectId('643ae088af32ba6bc5477879')
Content: "<p><span style='background-color: rgb(245, 245, 245); color: rgb(24, 2...""
▶ Comments: Array
  --v: 0
▶ Likes: Array
  Desc: ""
  Heading: ""
```

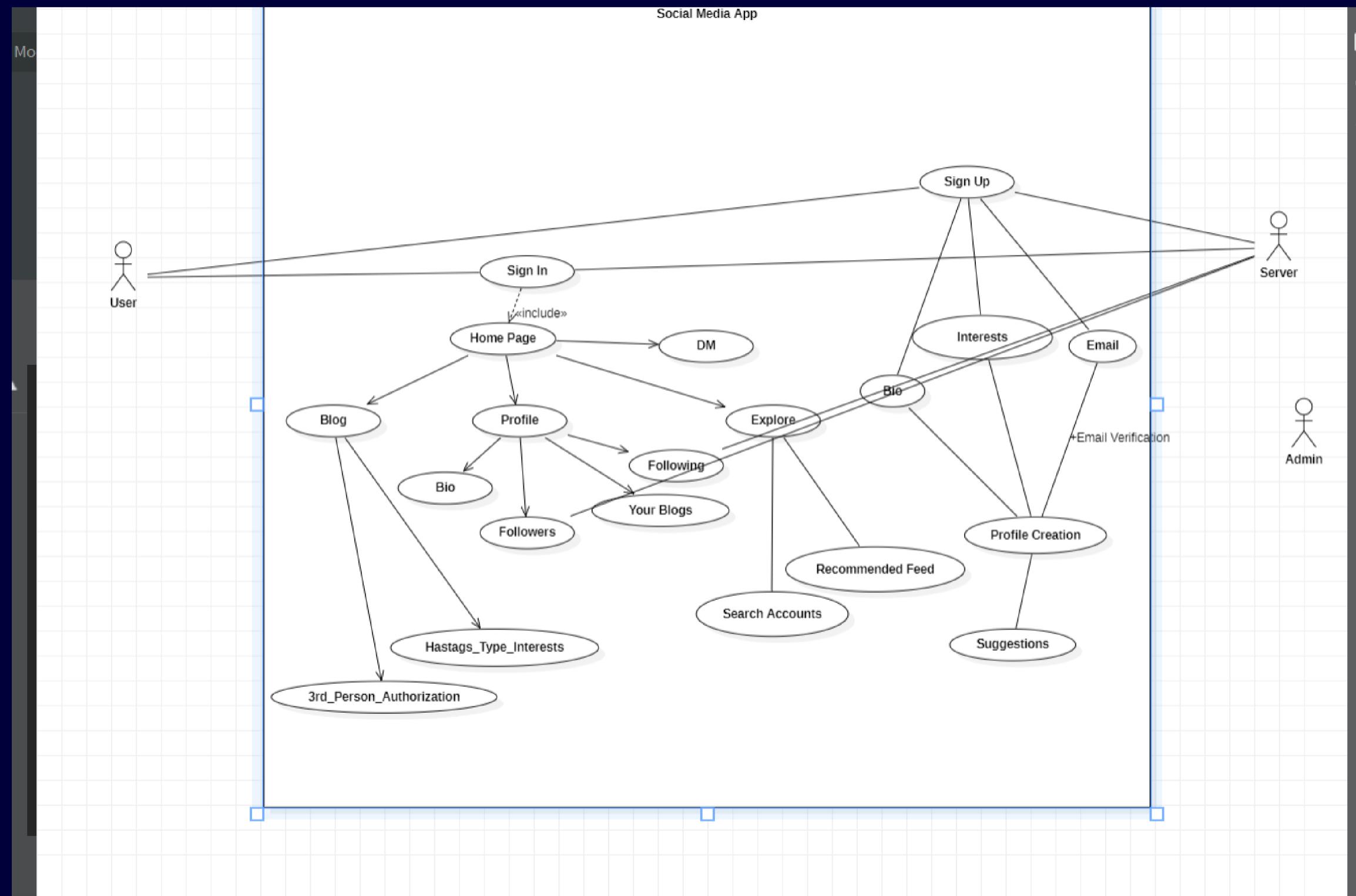
```
_id: ObjectId('643b02ea34979c4b87599535')
Owner: ObjectId('643aebe889aff7fecf25352b')
Content: "<p>Lorem Ipsum</p>"
```



CLASS DIAGRAM



USE CASE DIAGRAM



Thank You!