# EXHIBIT

A one-stop platform to showcase, collaborate and get inspired!

# OUR VISION

Promoting the culture of Learning-by-doing and bridging the gap between novices and professionals.

# The Team

| Name | Branch/Year | Background/Record |
|---|---|---|
| Vishesh Bhaskar | COE/IV | • Winner ASEAN International Hackathon 2021<br>• Placed at PlanetSpark<br>• Front-end Developer - ASPEN Capital |
| Pallav Bhardwaj | IT/IV | • Co-founder - Mirelle & Investu<br>• Product Manager & Backend Developer - Book\|Keeper |
| Ayush Kumar Singh | IT/IV | • Founder, GetAMock!<br>• Incoming SWE at Google<br>• All India Rank-1, NDA-1 2018 |

→

# The Team

| Name | Branch/Year | Background/Record |
|---|---|---|
| Khushi Prerak | ECE/IV | • Finalist SheHacks DTU<br>• SDE Intern'21 at Expedia Group<br>• Placed at Expedia Group |
| Nupur Parmar | ECE/IV | • SDE Intern'21 at Expedia Group<br>• Placed at Expedia Group (PPO)<br>• Freelancer, GetAMock! |
| Saumya Singh | ECE/IV | • Microsoft Codess 2020 Mentee<br>• Web Lead, Google Developer Student Clubs NSUT<br>• SDE Intern'21 and incoming SDE at Salesforce<br>• Panelist, GetAMock!<br>• Finalist SheHacks DTU |

# The Team: Our Vision and Mission

Our mission is to bring the young and bright creative minds together to build a strong student-led community of motivated individuals who aspire to build unique and innovative projects through collaborative efforts and serve as a platform to connect students and professors globally through a multitude of domains.

Our idea revolves around the theme "A place to showcase, collaborate and get inspired". **Exhibit** is a platform that welcomes all levels of proficiency across different domains. Anyone who has a knack for learning and wants to gain experience by application, or is interested in sharing their projects in a community of people with similar interests is welcome here.

THE
PROBLEM
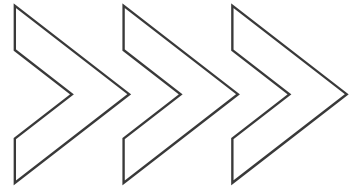
# Upskilling

oneself in any field requires great amounts of exploring and filtering to find relevant information.

# Inspiration

Looking for ideas and inspiration can be daunting especially when you don't know where to start.

# Collaboration

finding collaborators to work on an idea or research work is a tedious job requiring going through multiple profiles on several platforms.

# Siloed

data sources are a major inconvenience for people engaged in multiple domains.

# Problem #1

Practicality- The present platforms like LinkedIn, Reddit, GitHub and others do not provide a streamlined, to-the-point content in terms of projects and research done in different domains. These platforms are riddled with off topic and irrelevant content which reduce productivity and increase time spent in looking for information in a desired field.

## Example

A student has recently started learning Angular and wants to get some hands on experience by exploring some Angular specific projects.
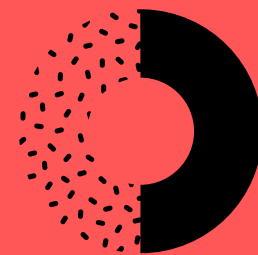
**Standard, out-of-date ideas!**

**Novel ideas but after ages of digging**

# Problem #2

**Accessibility**- Lack of organized and free content that updates regularly. Keeping up with technology and innovations in all kinds of domains is already a challenging task. On top of that, there doesn't exist a platform which caters to archiving and showcasing the new work done in different domains filterable by their complexity.

## Example

An ML enthusiast discovers that the Python software scikit-learn has released a new module but isn't sure of where to implement it.
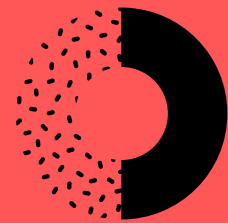
**Read exhaustive documentation!**
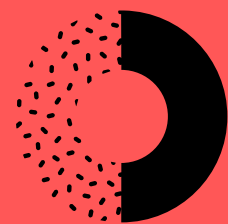
**Find new work on Github which might contain plethora of off topic and difficult to understand implementation!**

# Problem #3

**Availability**- there is a lack of beginner-friendly and easy to understand collection of work based on the complexity level of that topic. A person in need of work experience would like to collaborate with other people of some domain to increase their understanding and improve their skillset and lack of learning buddies is why the motivation to do such work goes down

## Example

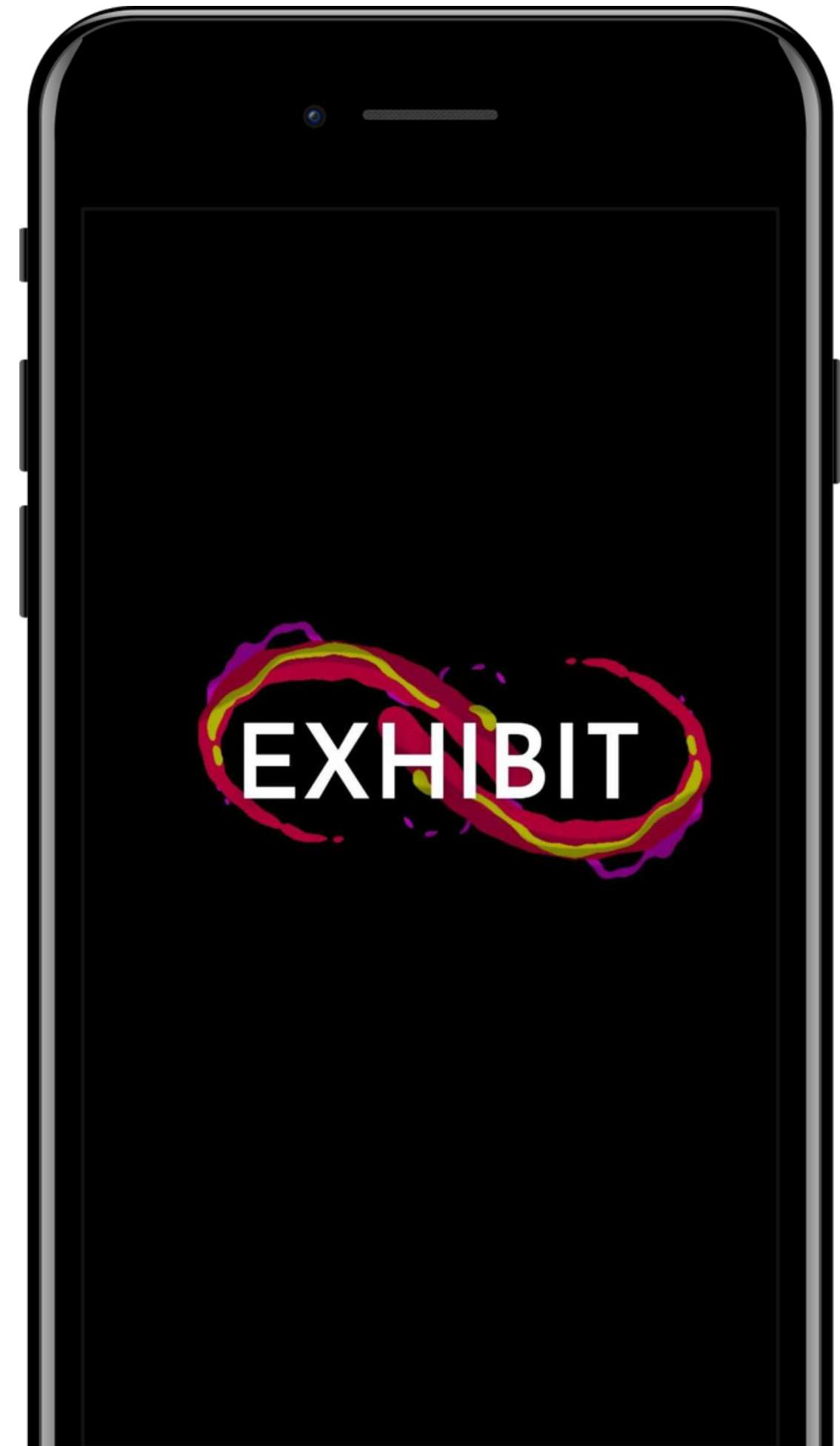A music student has come up with a potential Grammy winning score! But she requires her track to be mixed and mastered.

**Rummage through social media to look for potential connections.**
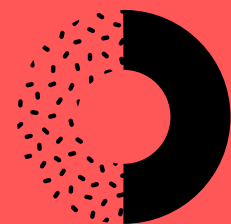
**Run a Breadth-First-Search among all her connnections in music (and their connections..)**
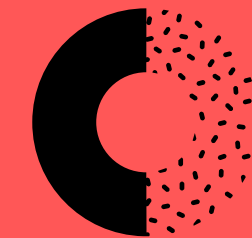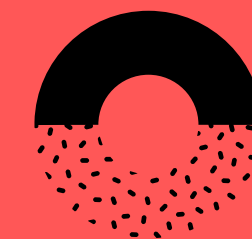
# THE
# PRODUCT

# Components

Exhibit is designed to be a Progressive Web App and aims to be a one-stop solution for all students who want to upskill themselves, showcase their mettle in any domain and look for collaborators!
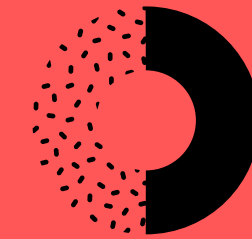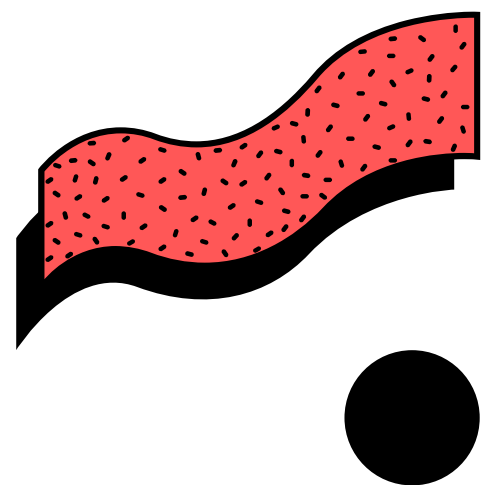
BROWSE THROUGH PROJECTS

SHOWCASE YOUR RECENT CREATION

REQUEST FOR COLLABORATION

# UPPER ABSTRACTION

- **Exhibit** hosts different *Kernels* which cater to different fields of interests.
- *Kernels* are further divided into *subkernels* which cater to specializations of the *Kernel.*

# LOWER ABSTRACTION

- Users will be able to view posts of the *subkernel*. They can *praise* the post and show special appreciation. These posts will be filterable in terms of their type and sortable in terms of their popularity.
- Users may also request for collaboration in the *subkernel.*

# Exhibit Mockups (Mobile)
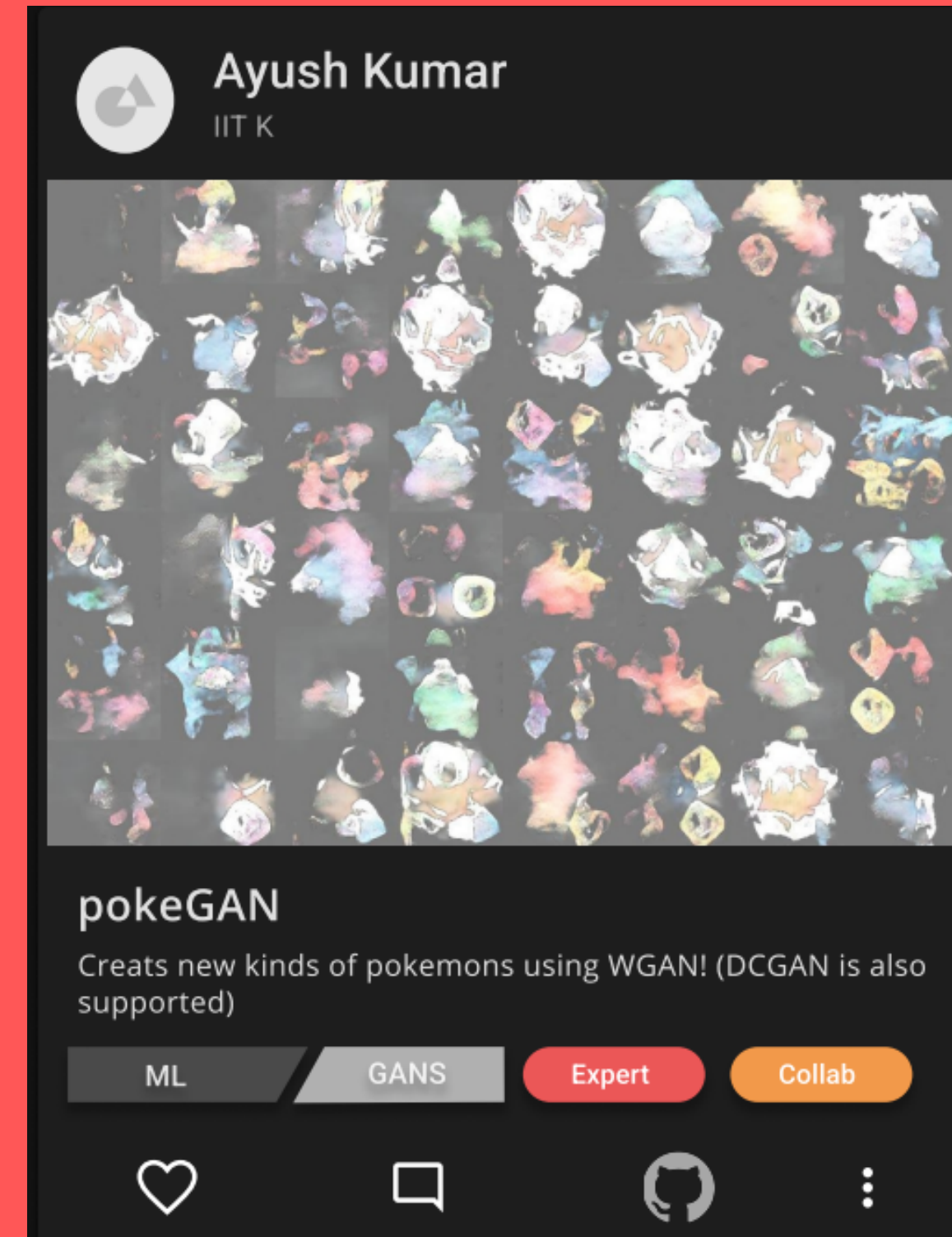
# Exhibit Mockups (Website)
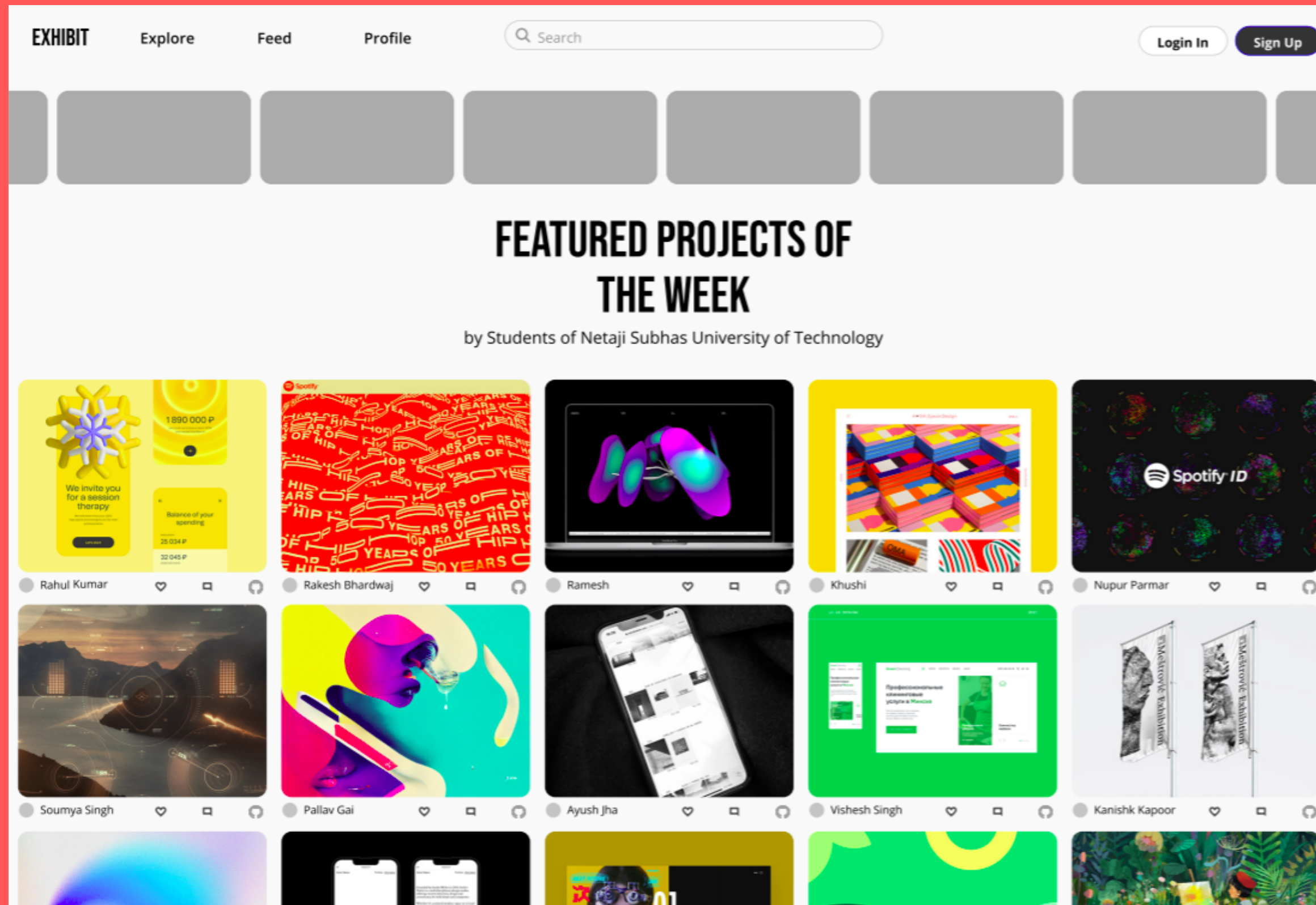


Machine learning-based recommendation system will be bringing fresh feed to users based on their interests/tags

# Exhibit Mockups (Website)
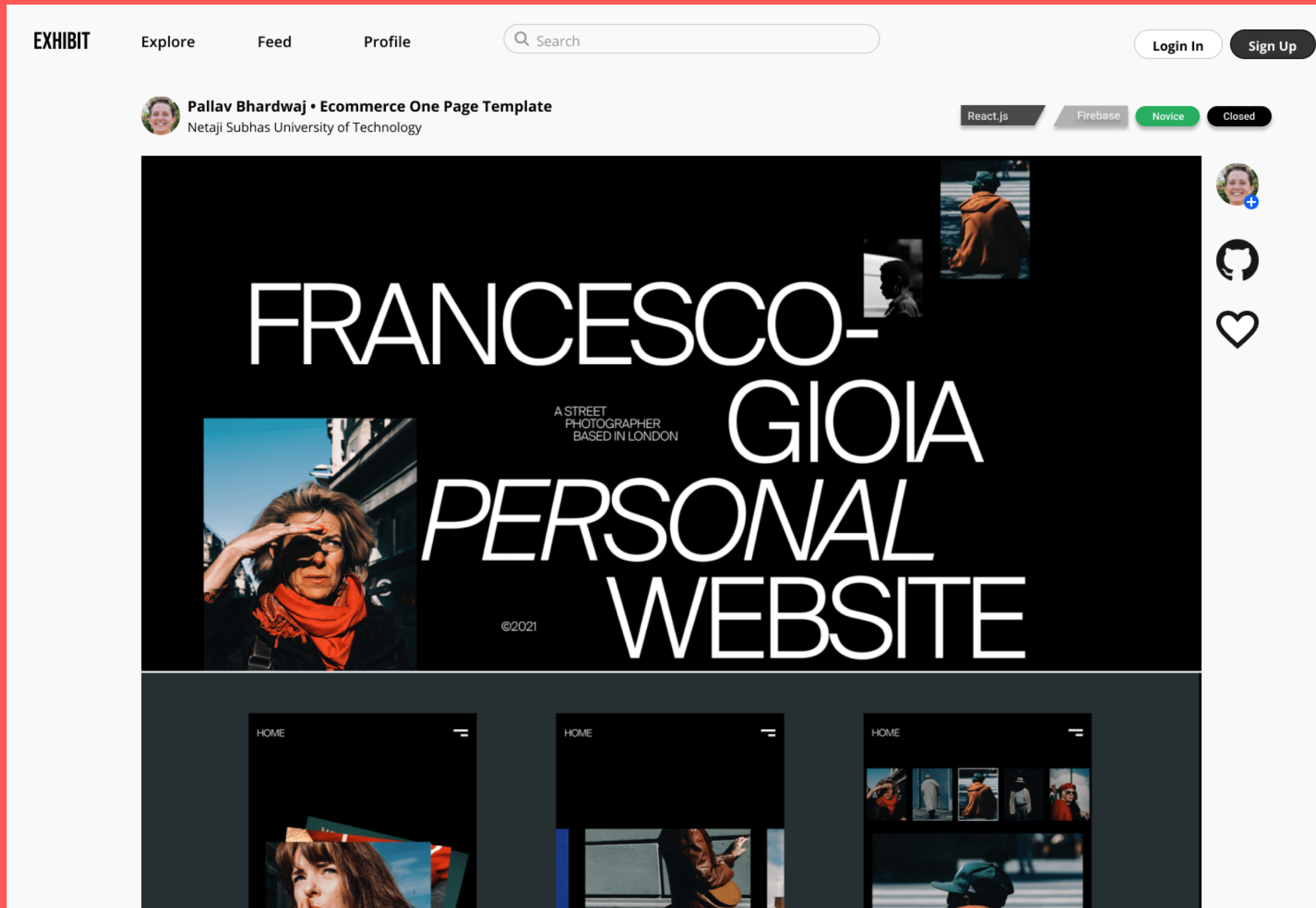
# Role Based Access Control (RBAC)

Exhibit will eventually completely shift to user based self-governance using RBAC. Once we reach 500 users in a subkernel, we will fully roll out all the privileges of users of different levels.

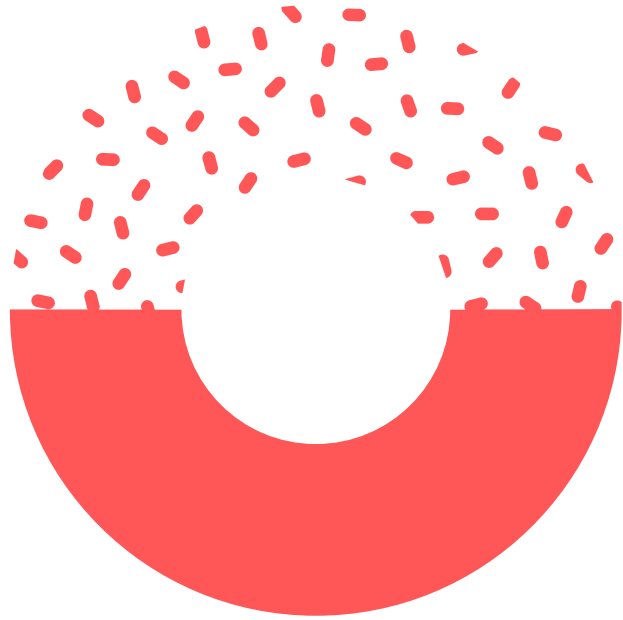| RBAC LEVELS | XP |
| --- | --- |
| Level 1 | 0 XP |
| Level 2 | 500 XP |
| Level 3 | 2000 XP |
| Level 4 | 5000 XP |

# INCENTIVE TOKEN

## Praises

Enjoyed reading a post or comment? Users can show their approval and appreciation by dropping a praise on the post. Its free and the content creater gets a dose of acknowledgement!
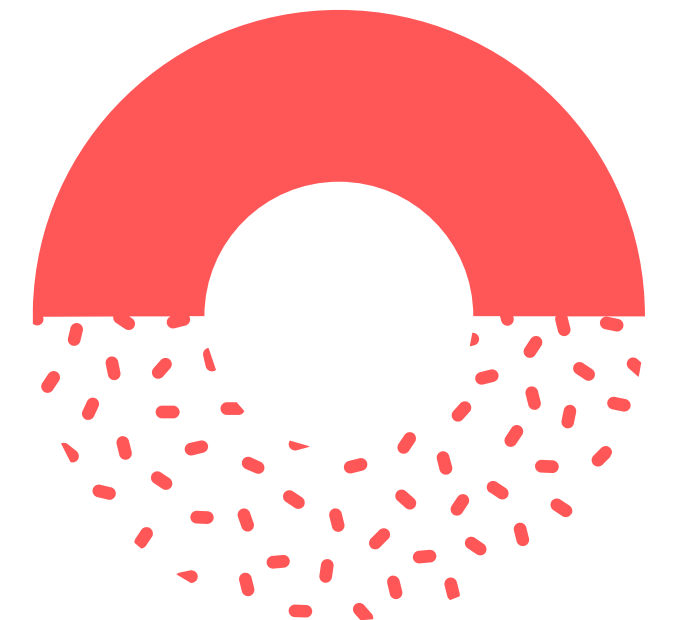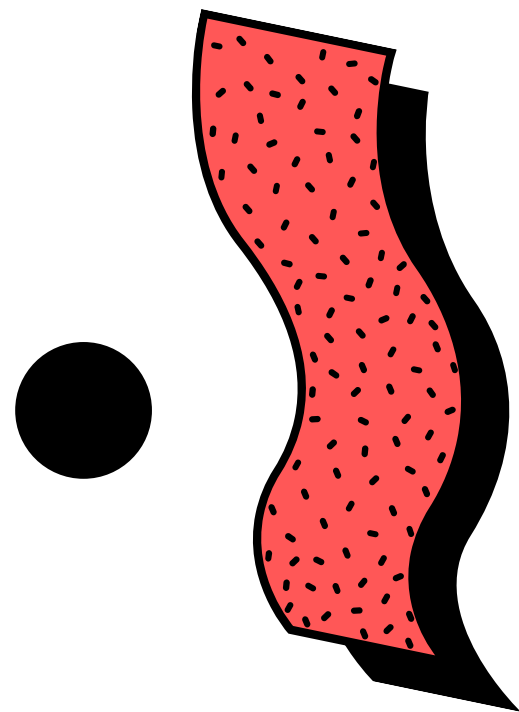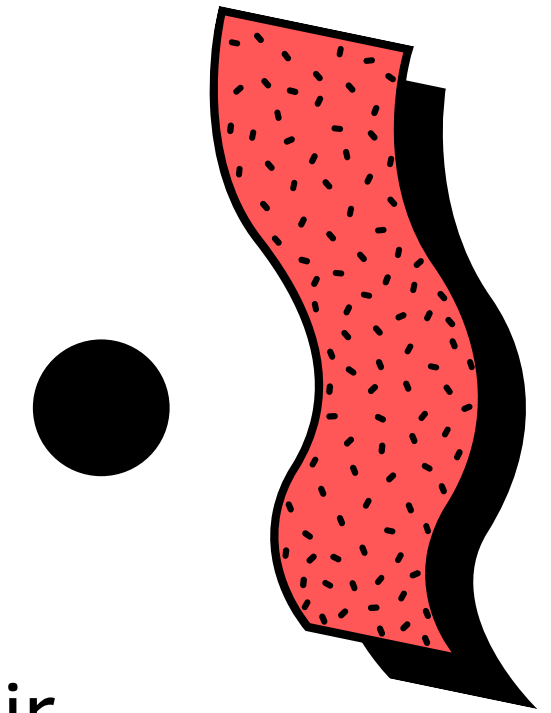
# Market Size

**Exhibit** will be open and free for all college/university students and professors. These include, but are not limited to, engineering universities, commerce and humanities colleges and fine arts institutions.

**220 Million Students Globally**

can use **Exhibit** to showcase, upskill and collaborate

**30.6 Million Annual Enrollment in India**
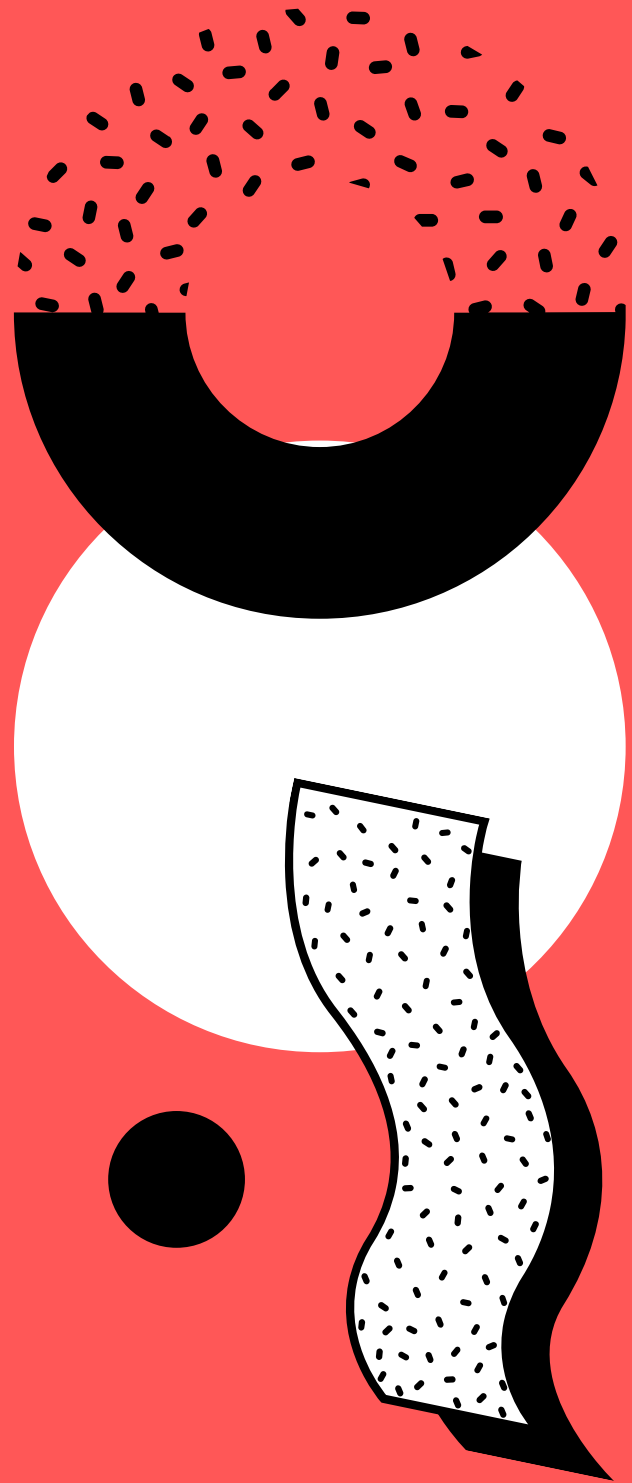
in tertiary education
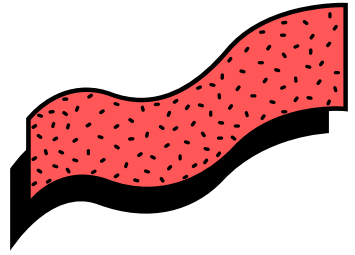
# MARKET VALIDATION

**Exhibit** has unique goals to help college students upskill and collaborate. The search volume for related terms is immense so creating a one-stop platform is a hugely innovative solution.

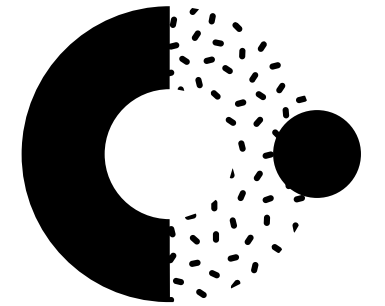The entire development time for the initial roll out should be one month.
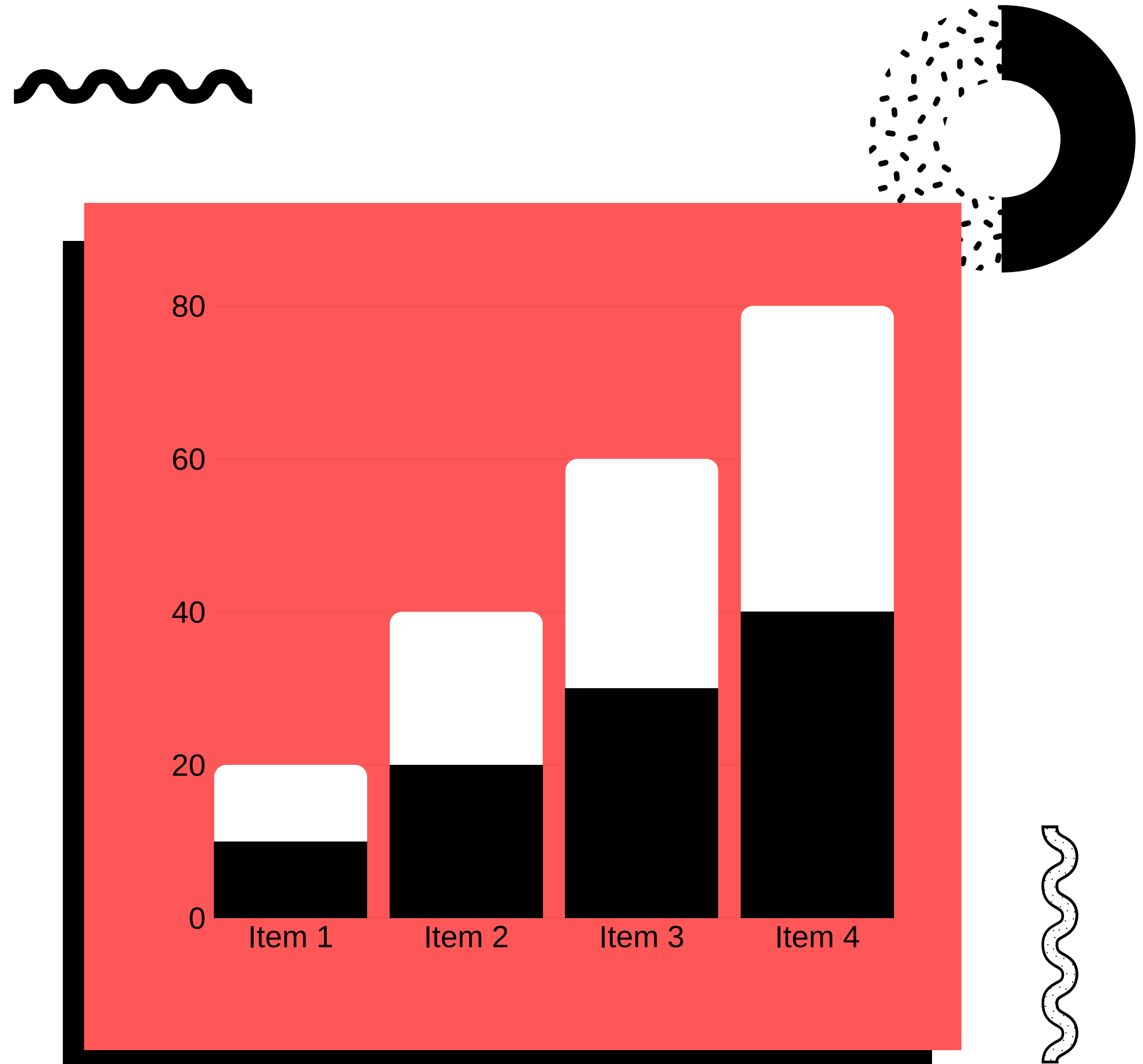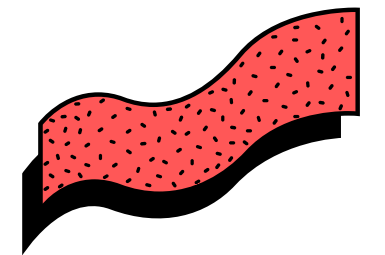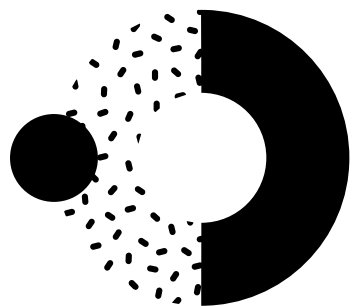
# REVENUE MODEL

# Advertisements

Our main source of Revenue would be generated by selling ad space.

~~~~

# Premium

Users that have a premium account will have an advantage over free account holders. Premium users can approach college students and professors directly through our platform. Further, premium would provide users with detailed analytics regarding their posts and an ad-free experience.

# Direct Competitors

~~~

Since **Exhibit** is a completely unique and innovative project, there aren't any direct competitors

# Indirect Competitors

~~~

Our closest indirect competitor is GitHub but that is only because a part of **Exhibit** caters to sharing technical projects.

## S STRENGTHS

- An integrated solution for students and research scholars to enable everything from upskilling to collaboration on one platform.
- Community driven and project-based platform - smoother and faster learning curve.

## W WEAKNESSES

- Need to reach a threshold number of users to reach a fully-functional autonomous state.

## O OPPORTUNITIES

- No integrated platform for inter-college and global collaboration in research exists.
- Research in India has been gaining traction and lots of funds are being driven towards research fields in India.
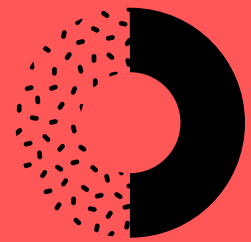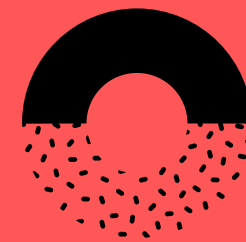
## T THREATS

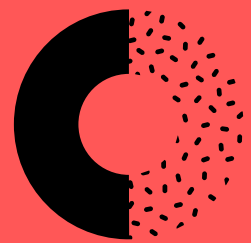- Achieving pervasiveness across our targeted wide array of domains is a strenuous task.
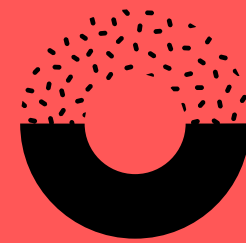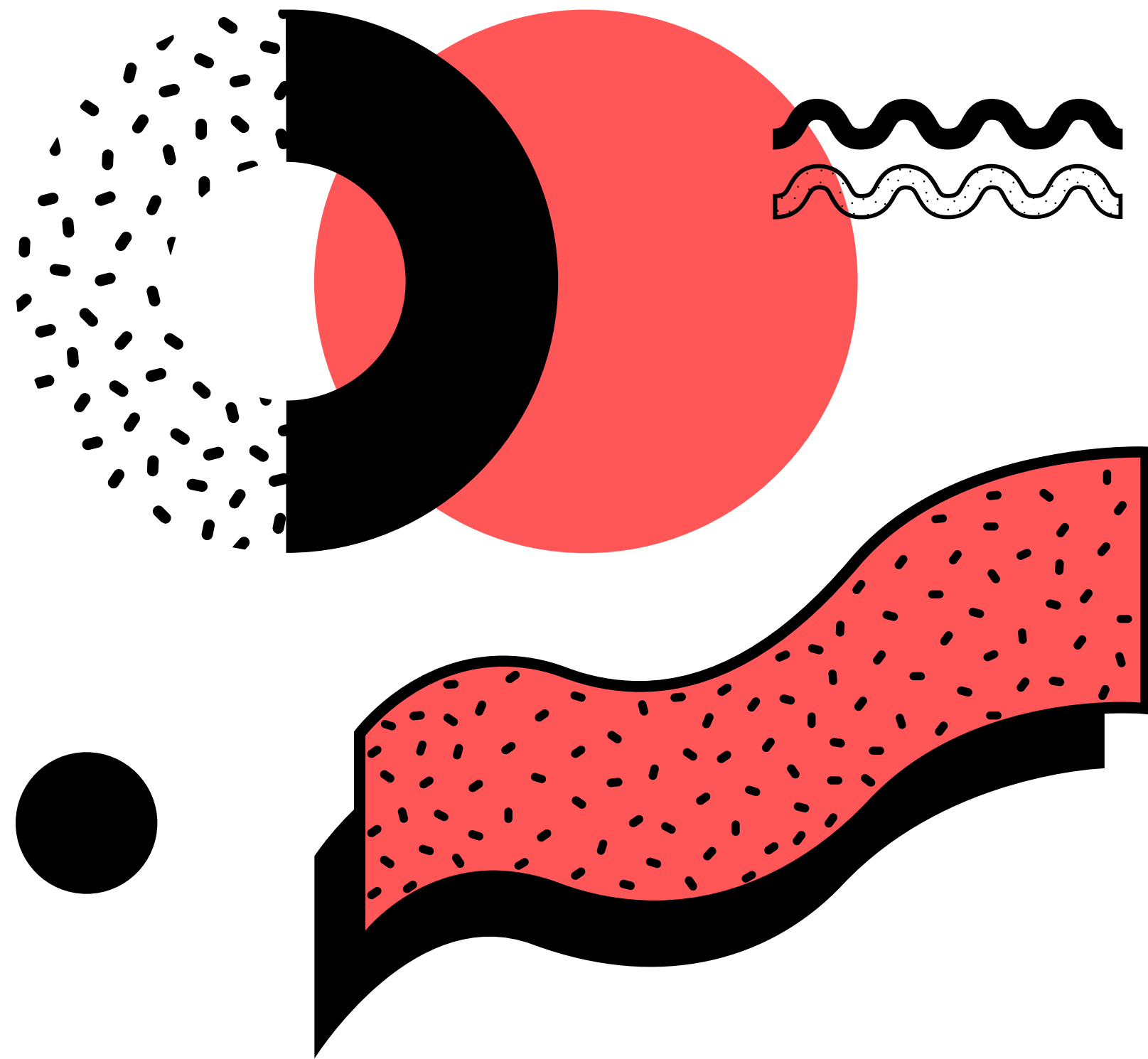
# Future Roadmap

Discussion Forums

Chatting b/w Users

Resume Generator

Increased Security

# ELEVATOR PITCH

**Exhibit** is a one-stop platform to showcase your projects, upskill yourselves, and collaborate with peers and professors. It will popularize the culture of peer learning, innovation, and cross-functional research between various colleges and universities.

# Thank You!
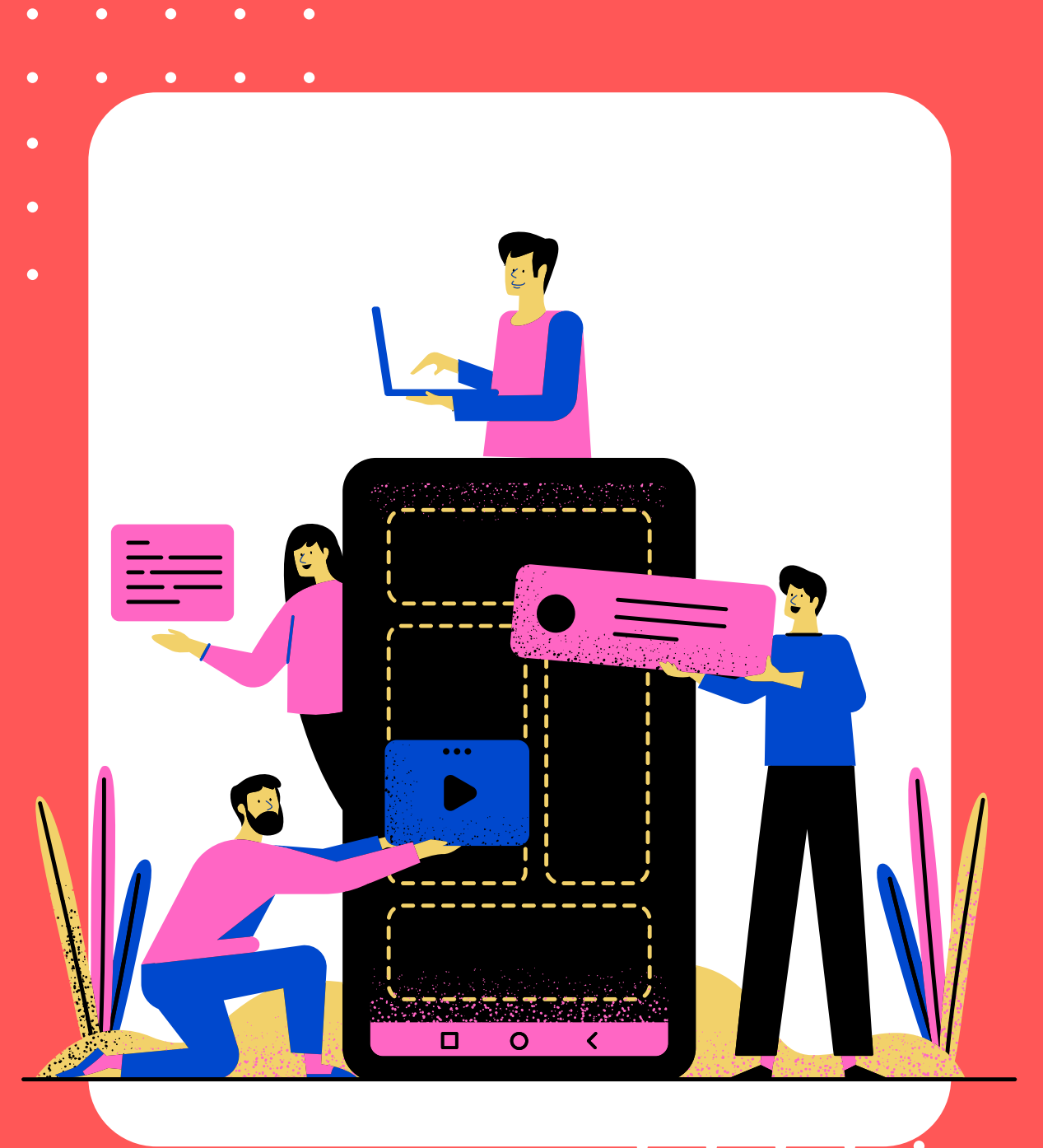
A Presentation By
## Team Bandersnatch

EXHIBIT