

# Basic Details of the Team and Problem Statement

**Ministry/Organization Name/Student Innovation:** Ministry of Micro, Small and Medium Enterprises

**PS Code:** SIH-1509

**Problem Statement Title:** App-Based Solution to provide market access to micro and small enterprises.

**Team Name:** The D-Buggers

**Team Leader Name:** Pulkit Gupta

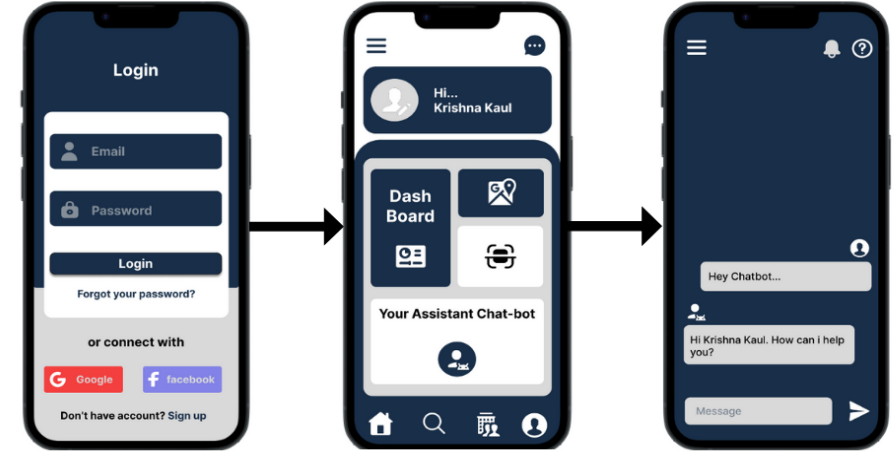
**Institute Code (AISHE):** 0157

**Institute Name:** Lakshmi Narain College of Technology and Science

**Theme Name:** Miscellaneous

# Idea/Approach Details

- ❑ Small Enterprises and companies face challenges to reach out large companies and sellers which are essential for increasing their value and results in less economic growth.
- ❑ Our application will provide a platform for them to interact, **exchange ideas**, and establish valuable.
- ❑ Connecting small-scale industries with larger ones can contribute to the overall **economic growth** of the region by increasing industrial productivity.
- ❑ On our application only **valid** and **well founded** companies will be able to register, that can contribute to a **secure** and **trusted environment** for small enterprises and industries.



## Tech-Stack

**Frontend** : Flutter for app and ReactJs for website.

**Server** : Backend and AI algorithms with Python.

**Relational Database** : PostgreSQL, MySQL

**Third Party API's** : Firebase , Google API's

# Idea/Approach Details

## Use Cases

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- ❑ **Interactive Chat Communication** : Interactive communication between users and companies through the **chat** section.
- ❑ **Product Filtering** : Easily refine product searches based on specific requirements using intuitive **filtering** options.
- ❑ **Company Profile Examination** : Verify company profiles for authenticity using the CII number, ensuring a **trustworthy** network.
- ❑ **Post-Delivery Feedback and Rating** : Users to provide feedback and ratings to companies after product delivery, enhancing **transparency** and accountability.
- ❑ **Product Catalog Management** : Put users in control as they effortlessly create, update, delete, and publish products from their **dashboard**.
- ❑ **Solving Queries** : Users can ask queries to our specially designed **AI powered Chatbot**.

## Showstoppers:

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- ❑ **Ensuring Application Transparency** : Uphold transparency to build user trust and credibility in the application.
- ❑ **Interactive User-Product Communication** : Enable direct interaction between users and product personnel **via chat**.

## Dependencies:

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- ❑ **User Data Privacy** : Implement **encryption** and secure **APIs** to protect user data from unauthorized access.
- ❑ **User Feedback Analysis Tools** : Employ tools to analyze **user feedback**, helping you understand pain points, improve user experience, and address issues promptly.
- ❑ **Machine Learning (Recommendations)** : Using machine learning models to offer personalized product **recommendations**.

# Team Member Details

Team Leader Name: Pulkit Gupta		
BTech	CSE	III
Team Member 1 Name: Rahul Sen		
BTech	CSE	III
Team Member 2 Name: Tarun Parmar		
BTech	CSE	III
Team Member 3 Name: Saket Yadav		
BTech	CSE	III
Team Member 4 Name: Ashish Saxena		
BTech	CSE	III
Team Member 5 Name: Mitali Chandani		
BTech	CY	II
Team Mentor 1 Name: Dr. Vikas Pare		
Academic	Cyber Security	5+ years
Team Mentor 2 Name: Dr. Bhavna Pillai		
Academic	HOD CSE	10+ years

# Important Pointers

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Please ensure below pointers are met while

- Kindly keep the maximum slides limit to 4 pages
- All the topics should be utilized for description of your idea
- Try to avoid paragraphs and post your idea in points
- Keep your explanation precisely and easy to understand
- Idea should be unique and novel. If it has a business potential more weightage will be given.
- Apart from this PPT abstract of your idea will be asked separately while submitting
- You need to save the file in PDF and upload the same on portal. No PPT, Word Doc or any other format will be supported
- You can delete this slide (Important Pointers) when you upload the details of your idea on SIH portal.