



# Basic Details of the Team and Problem Statement

**Ministry/Organization Name/Student Innovation :**

Ministry of Communications

**PS Code :** SIH1413

**Problem Statement Title :**

Dak Ghar Niryat Kendra

**Team Name :** Ganuda's

**Team Leader Name :** Ganesh Sharma

**Institute Code (AISHE) :** C-25028

**Institute Name :** University Institute of Engineering & Technology (UIET MDU) M. D. University, Rohtak

**Theme Name :** Transportation & Logistics

# Idea/Approach Details

## IDEA / SOLUTION :

Implementation of a Government E-commerce web-portal specialized for small traders and MSMEs.

- All the delivery responsibilities managed by Post Office special faculty named DNK.
- Simple and highly secured online/offline document verification for sellers under government supervision.
- Export/Import charges fixed by Government of India.
- Safe and trust-worthy platform for international as well as National customers.

## Product Status:

- 60% product built completed and further build is in progress. Testing and validation process are next to be undergone.



## ➤ Technology Stack:-

➤ **Frontend:-** HTML, CSS, JavaScript

➤ **Backend:-** Spring Boot, Java

➤ **DataBase:-** SQL

➤ **Email Service:-** Gmail

# Idea/Approach Details

## Use Cases

### Initiative to Women Entrepreneurs:-

- Special door-to-door service to every women entrepreneur.

### Entrepreneur with Limited Resources:-

- Entrepreneurs with lack of financial resources can kick start their carrier with this portal.

### Defence Sector:-

- Specialized schemes for defence customers.

### Every Corner Delivery:-

- Applicable to reach all remote areas in India.

Channels:- Government portals,T.V adds, Government Departments,etc.

## Show Stopper

### Highly Secured Web-portal:-

- For International customers as well as for document verification.

### Limited Number of Login Devices:-

- For security purpose, a single Buyer/Seller can Login its ID in limited number of Devices.

### Utilizing Existing Network:-

- The Existing Postal Networks and Infrastructure used for Export process for MSMEs.

### Mutual Connections b/w Dak Ghar:-

- If there is any connection issue occurs b/w Dak Ghar ,customer can pick their product from nearby Dak Ghar.

Revenue Streams:- Service/Product Based Model.

# Team Member Details

**Team Leader Name :** Ganesh Sharma

**Branch :** B.Tech

**Stream :** CSE

**Year :** III

**Team Member 1 Name :** Abhimanyu Bhat

**Branch :** B.Tech

**Stream :** CSE

**Year :** III

**Team Member 2 Name :** Hitesh Kumar

**Branch :** B.Tech

**Stream :** CSE

**Year :** III

**Team Member 3 Name :** Manish Rana

**Branch :** B.Tech

**Stream :** CSE

**Year :** III

**Team Member 4 Name :** Sakshi Bhatia

**Branch :** B.Tech

**Stream :** CSE

**Year :** III

**Team Member 5 Name :** Gaurav Singh

**Branch :** B.Tech

**Stream :** CSE

**Year :** III