



# Basic Details of the Team and Problem Statement

**PS Code:** PS02(2)

**Problem Statement Title:** Smart application for identifying risk factors and providing guidance for diabetes as a Non-Communicable Diseases (NCDs)

**Team Name:** CYBER CREEPERS

**Team Leader Name:**

**Institute Code (AISHE):**

**Institute Name:** Amity University Patna

**Theme Name:**

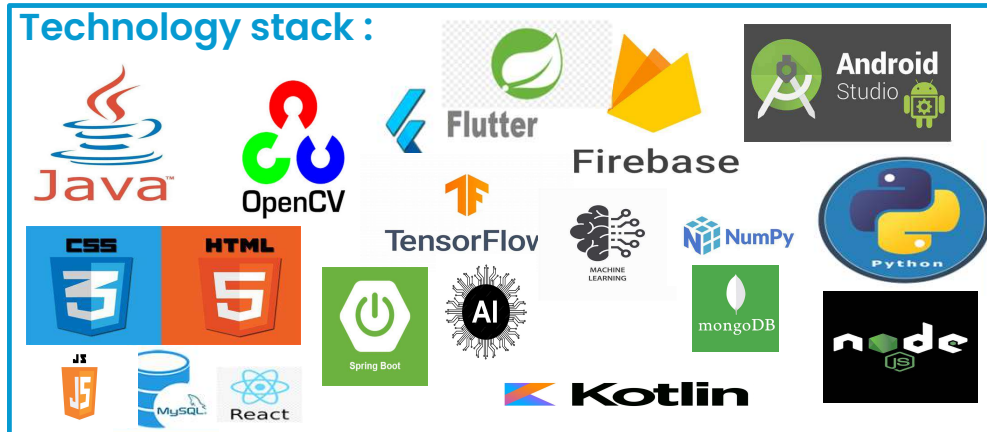


## Idea/Approach Details

We're looking for a solution by creating an **Android app** and **web**-based application that will serve as a platform for Citizens to get the prevalence of **Non-Communicable Diseases** (NCDs) like **diabetes** in India, caused by a combination of genetic, environmental, and behavioral factors. the prototype will function as follows :

- Identifies risk factors and provides preventive measures through image screening of their day-to-day food items by using Machine Learning (**ML**) and Artificial Intelligence (**AI**) and making them Early detection and proper guidance for improving preventive outcomes.
- Users receive **personalized diet suggestions** based on their food preferences through Machine Learning (ML) and Artificial Intelligence (AI). Additionally, AI recommends appropriate lab tests and more affordable medicine options.
- People can also purchase Drugs & Medications products from our website and app at **cheaper** prices.
- The nearest Trader to the Customer's location is assigned to deliver the medicines through path optimization.
- After delivering successful medicine we also provide **cashback**.
- Cashback points can be redeemed in various forms such as discounts, coupons, and prizes that can be utilized in other third-party apps. It even includes coupons that will be used in **cryptocurrency** and **NFTs** transactions in various trading apps.

Add process flow chart or simulated image of prototype or any relevant image related to your idea



# Idea/Approach Details

## Describe your Use Cases here

- User register themselves with their history of health and the Drugs & Medications they use.
- After successful registration they Simply take a snapshot of the food they want to consume and send it to our platform.
- We use AI and ML to analyze food quality and provide a comprehensive report. This includes a daily diet plan recommendation, calorie information, suggestions for healthier alternatives, and advice on whether the food should be consumed based on its potential health effects.
- Our **automated system** tracks user history to suggest best practices for a healthy lifestyle. It also recommends if needed appropriate lab tests and more affordable medicine options.
- After the successful purchase of a product from our app or web Application the users get cashback points for redeeming attractive offers and prizes on **third-party apps**.

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## Describe your Dependencies / Show stopper here

- A multilingual Android and web-based platform available in **32 different languages** that focuses on "Non-Communicable Disease Management" with a proper and efficient structure.
- Providing **secure employment** to vendors who previously had unstable incomes by engaging them in door-to-door delivery of affordable medicines and healthcare products.
- Automatic generation of cashback points according to the quantity of products the user buys through machine learning and Artificial Intelligence.
- Once a vendor is allocated to a user. an **AI-powered 24/7** hotline **chatbot** is available as well as real-time tracking of the vendor location.
- By adding an option at the end of their online bill, e-commerce websites can use our platform to offer personalized diet suggestions and medication recommendations based on users' health histories. This makes it easy for websites to promote healthy living.
- Users can donate a set amount towards **planting a tree** at the end of each purchase of affordable medicines and healthcare products. The geographical location of the planted tree will be shared with the user afterward.

# Team Member Details

**Team Leader Name:** Type Your Name Here

**Branch (Btech/Mtech/PhD etc):**

**Stream (ECE, CSE etc):**

**Year (I,II,III,IV):**

**Team Member 1 Name:** Type Your Name Here

**Branch (Btech/Mtech/PhD etc):**

**Stream (ECE, CSE etc):**

**Year (I,II,III,IV):**

**Team Member 2 Name:** Type Your Name Here

**Branch (Btech/Mtech/PhD etc):**

**Stream (ECE, CSE etc):**

**Year (I,II,III,IV):**

**Team Member 3 Name:** Type Your Name Here

**Branch (Btech/Mtech/PhD etc):**

**Stream (ECE, CSE etc):**

**Year (I,II,III,IV):**

**Team Member 4 Name:** Type Your Name Here

**Branch (Btech/Mtech/PhD etc):**

**Stream (ECE, CSE etc):**

**Year (I,II,III,IV):**

**Team Member 5 Name:** Type Your Name Here

**Branch (Btech/Mtech/PhD etc):**

**Stream (ECE, CSE etc):**

**Year (I,II,III,IV):**

**Team Mentor (Optional) Name:** Type Your Name Here

**Category (Academic/Industry):**

**Expertise (AI/ML/Blockchain etc):**

**Domain Experience (in years):**

# Important Pointers

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 precise and easy to understand.
- Idea should be unique and novel. Plagiarism will not be tolerated.
- You need to save the file in PDF format 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 the portal.