



SOFTWARE REQUIREMENT SPECIFICATION

# Cibus

A SOFTWARE FOR TRACKING MEALS IN HOSTEL

# Submitted By

**3rd Year CSE Undergrad**

**RUSHALI SARKAR**

34900119022

**MADHUMITA SAHA**

34900119001

**SREEPARNA SINGHA**

34900319014



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# Software Development Cycle



Requirements  
Gathering



Software  
Design



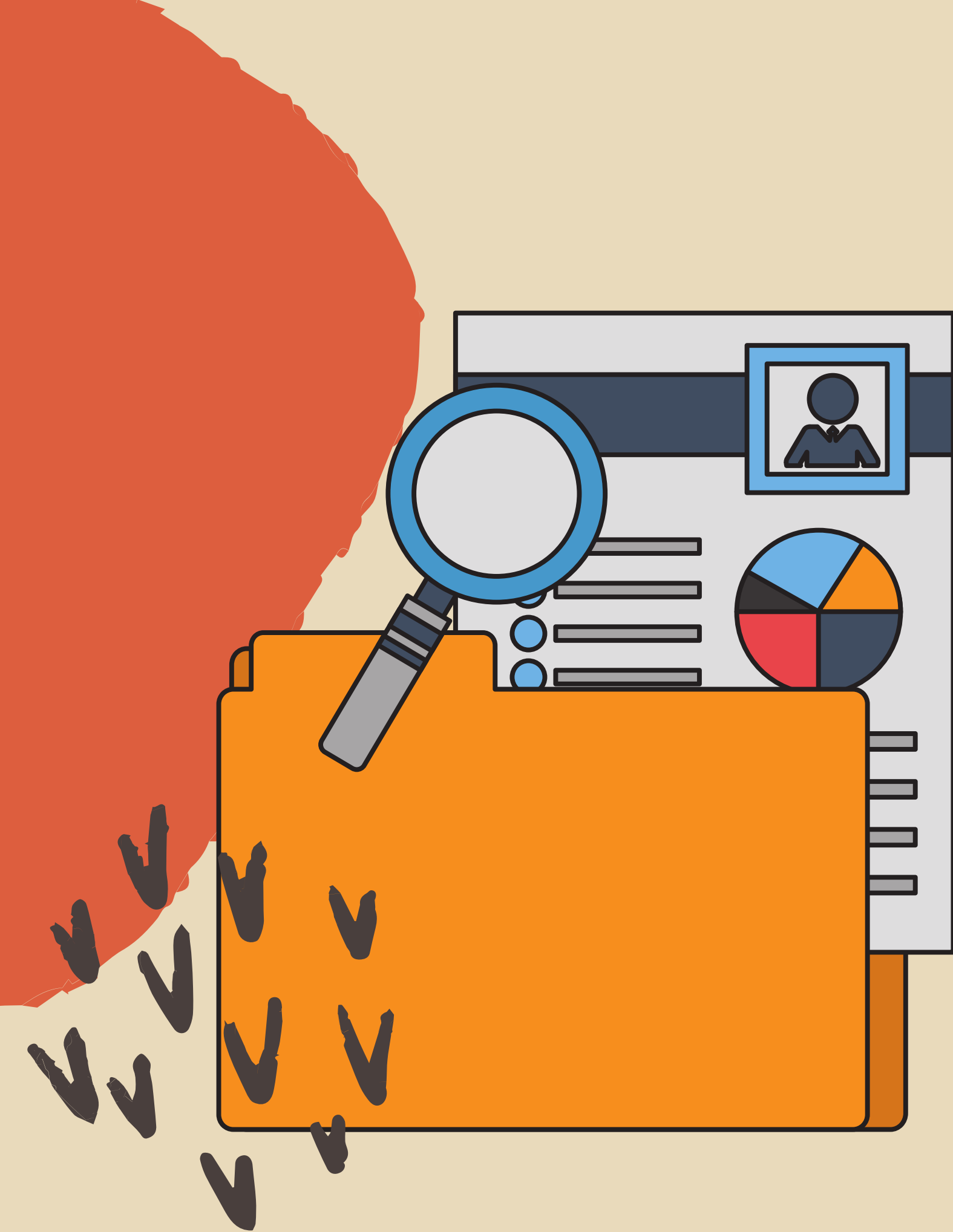
Software  
Development



Test and  
Integration



Deployment



# Requirements Gathering

The current meal management system in a hostel is manual and it causes a lot of problems. Hence, to make the management better an automated and quick system is required that can be updated from anywhere and everywhere.

# Software Design

As a solution to the manual meal management system, we have decided to develop a mobile application that can be used to manage the meals. Students can update their meal receiving status from anywhere and everywhere. This will ensure no wastage of food. Moreover, the hassle of reading the manual entries everyday will be made digital and the admins can view the stats easily from anywhere.





# Software Development

In the development process, the tech stack will be defined and the actual groundwork will begin. We have decided to use flutter as our development tool to create the app. This is because flutter is a cross-platform app development tool that will enable us to develop a single app for both iOS and Android.

# Testing and Integration

The beta version of the app will first be made available amongst the students and there will only be testing amongst them so that there will not be any problem in case of real use case. Students will use it to fake update their meal status and check if everything works properly.





# Deployment

Finally the app will be made available to the hostel staff and the cook so that they can accordingly manage the meals of the hostel students, without much hassle.



## Deliverables

The app aims at making the meal management system easy for the hostel staff and the hostelers. This includes

- Replacing Manual meal management system.
- Saving time
- Facility to update meal status from anywhere



## Non-Deliverables

Although the app seems to be a great way to replace the manual meal management system, it won't a 100% ensure no wastage of food. Students may still forget to update their meal status and there can arise ambiguous situations for the hostel staff. The fact that students still have to update all their meal taking status multiple times a day cannot be dealt with.



Thank you!

