VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgagavi – 590 014



**A Mobile Application Development Project Report On**

**“FOOD DELIVERY APP”**

**Submitted in Partial fulfillment of the Requirements for the VI Semester of the Degree of**

**Bachelor of Engineering In**

**Computer Science & Engineering**

**By**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

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**CERTIFICATE**



Certified that the Mobile Application Development Mini Project work entitled **“FOOD DELIVERY APP”** has been carried out by **SHRIHARSHA UPADHYA P(4MW20CS090) and SUHAS BHAT (4MW20CS093)** respectively bonafide student of Shri Madhwa Vadiraja Institute of Technology and Management in partialfulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belgaum during the year **2022-2023**. It is certified that all corrections/suggestions indicated for Internal Assessment have been in corporated in the Report deposited in the departmental library. The Mobile Application Development Mini Project Report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

**Mrs. Savitha A Shenoy Dr. Soumya J. Bhat**

Project Guide, Head

Dept. of CSE Dept. of CSE

External Viva

Name of the examiners Signature with date

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Acknowledgement

It is our duty to acknowledge the help rendered to us by various persons in completing this Computer Graphics Mini Project titled “FOOD DELIVERY APP”

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# **ABSTRACT**

Computers have become a powerful medium for the rapid and economical production of pictures. Mobile app development is a relatively new phenomenon that is increasing rapidly due to the ubiquity and popularity of smartphones among end-users. The goal of our study is to gain an understanding of the main challenges developers face in practice when they build apps for different mobile devices.

Online food ordering system is mainly designed primarily function for

use in the food delivery industry. This system will allow hotels and restaurants to

increase online food ordering such type of business. The customers can be

selected food menu items just few minutes. In the modern food industries allows

to quickly and easily delivery on customer place. Restaurant employees then use

these orders through an easy to delivery on customer place easy find out

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Online food delivering App is mainly designed primarily function for use in the food delivery industry. This system will allow hotels and restaurants to increase online food ordering such type of business. The customers can be selected food menu items just few minutes. In the modern food industries allows to quickly and easily delivery on customer place. Restaurant employees then use these orders through an easy to delivery on customer place easy find out navigate graphical interface for efficient processing.

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**Chapter1**

# **INTRODUCTION**

* 1. **About Android Studio**

Android Studio is the official Integrated Development Environment (IDE) for Android app development, based on IntelliJ idea. On top of IntelliJ's powerful code editor and developer tools, Android Studio offers even more features that enhance your productivity when building Android apps, such as A flexible Gradle-based build system, A fast and feature-rich emulator, A unified environment where you can develop for all Android devices, Apply Changes to push code and resource changes to your running app without restarting your app, code templates and GitHub integration to help you build common app features and import sample code, Extensive testing tools and frameworks, Lint tools to catch performance, usability, version compatibility, and other problems, C++ and NDK support, Built-in support for Google cloud platform, making it easy to integrate Google Cloud Messaging and App Engine.

Creation of software intended to run on mobile devices and optimized to take advantage of those products’ unique features and hardware. Android Studio supports all the same programming languages of [IntelliJ](https://en.wikipedia.org/wiki/IntelliJ) (and [CLion](https://en.wikipedia.org/wiki/CLion)) e.g. [Java](https://en.wikipedia.org/wiki/Java_(programming_language)), [C++,](https://en.wikipedia.org/wiki/C%2B%2B) and more with extensions, such as [Go](https://en.wikipedia.org/wiki/Go_(programming_language)) and Android Studio 3.0 or later supports [Kotlin](https://en.wikipedia.org/wiki/Kotlin_(programming_language)) and all Java 7 language features and a subset of Java 8 language features that vary by platform version. External projects [backport](https://en.wikipedia.org/wiki/Backporting) some Java 9 features. While IntelliJ states that Android Studio supports all released Java versions, and Java 12, it's not clear to what level Android Studio supports Java versions up to Java 12 (the documentation mentions partial Java 8 support). At least some new language features up to Java 12 are usable in Android.

## About Food Delivery application

Afood delivery service is a service that sends customers fresh or frozen, prepared food delivered to their homes and offices. These services individually package pre-portioned meals to assist with eating a healthy diet. These services cook and prepare meals for customers. Meals may come in small tupper ware containers and are often labeled with nutritional information. There are also many options for specific diet types like vegetarian and vegan. These services often operate on a subscription business.

**1.3 Objectives**

1. use in the food delivery industry. This system will allow hotels and restaurants to
2. increase online food ordering such type of business. The customers can be
3. selected food menu items just few minutes. In the modern food industries allows
4. to quickly and easily delivery on customer place. Restaurant employees then use
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6. navigate graphical interface for efficient processing.
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**Chapter2**

## Software Requirements

* Programming Platform JDK 1.7, Android SDK
* IDE STS (Spring Tool Suite)
* Web server Google Server (Google App Search Engine)
* Database Google Database

## Hardware Requirements

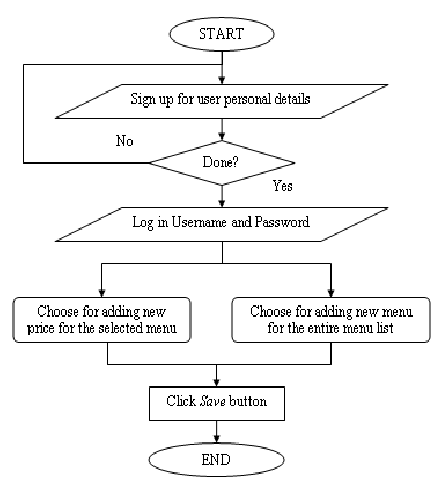
* + - Microsoft Windows 7/8/10 (32 or 64 bit).
    - Mac OS X 10.8. … Ubuntu or Fedora or GNU/Linux Debian.
    - Memory 2GB RAM. 4GB RAM recommended.
    - 500 MB disk space.
    - 1 GB for Android SDK.
    - Java Development Kit (JDK) 7.

Chapter3

# **DESIGN**

The basic requirements include the hardware and software requirements, keyboard key are suitably implemented to provide an interactive interface to the user by which the user can select the part required to operate on, which are then executed on the standard output device, the monitor. User interaction is provided through keyboard. The basic concepts of project development such as menus, display, and much more functions, functions are implemented to design the source code. The project is very presentable and thus easy to understand.

**FLOW CHART**



Chapter4

# **IMPLEMENTATION**