

Vet Care App

TCIE-I

Android Project Report

BY

Awadhesh Gupta

20SOECE11095

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CLASS: CE 'B'

Department of Engineering



RK University, Rajkot - Gujarat

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NAME: Awadhesh Gupta

ENROLLMENT NO:

BRANCH: B.TECH (CE)

DIV: CEB

SEMESTER: 5TH

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MOBILE NO: 7984547758

Group Members:

1. Awadhesh Gupta -20SOECE11095
2. Rupesh Dahiya -20SOECE11110
3. Sarmila Paudel -20SOECE11115
4. Priya Chaudhary -20SOECE11096

Project Definition Exploration

1. Definition 1 title: "Vet Care"

Description: "Vet Care" is an application which is simple and easy to use for online prescription from veterinary doctor. This application is useful for distant areas, instant consulting and prescription. The proposed application provide system which is useful for layman. "Vet Care" is an android application which is useful for both doctor and users. Farmer has to send his animal's signs and symptoms.

Features:

- Tele Medicine
- Animal's Health Record
- GPS Tracking

- Chat Box
- Nearby Doctor and Clinics
- Doctor Appointment Scheduling
- Audio/Video Conferencing
- Push Notification Alert
- Online Shopping for Pet
- Loyalty Program

Source: Rural Internship.

Definition 2 title: **"Online Complain Registration-street- road Pipe-"**

Description: The main purpose of this project is to help the public in knowing their place details and getting their problems solved in online without going to the officer regularly until the problem is solved. By this system the public can save his time and eradicate corruption in government offices. Its main purpose is to provide a smart and easy way through android or web Application for Complaint registration and its Tracking and eradicating system and thus to prevent Corruption. We want to develop an we application for complaint management system where public can register complaints for **street light, water pipe leakage, rain water drainage, road reconstruction** and garbage system. To transform the existing manual compliant management system into an automate system. For the better management of complaints to improve efficiency. Android project ideas All the peoples living in housing schemes societies can used our android application for the registration of their complaints within India. **Online Road Complaints Registration System.**

Features:

- Post Complaint
- Location Mark in Google Map
- View complaint status
- Feedback
- Get Admin Contact details

Source: velvetec.com

Definition 3 title: “Agri App”

System is providing platform such as android or web app wherein farmer can sell his crop products at different layer of marketing chain (market, merchant or end user) with multiple option. This platform will help farmers to find out nearest markets, its current stock details and its demand for particular product within less time & with less effort. This analysis will thereby help to determine which market will be more profitable for his crop/product. Farmers can use this facility and can learn how it is possible and how they can use e-farming to sell their products. This application will act as unique and secure way to perform agro-marketing. The system allows farmers to sell their stock directly as a direct supplier throughout the country without any middlemen so that, farmer earns optimum rates for his stock and also the customer gets it at lowered costs. This will also eliminate the food grains mafia that stores these products in own warehouses in order to increase demand and thus rates of the products, so that it can later be sold at higher profits.

Features:

- Login
- Register
- OTP Verification
- Manage Orders
- Update order Status
- Add Product
- Update/Delete product
- Upload images
- My Sales
- Update Shipping Status
- Logout

Source: Self study & Local People

2. Definition 4 title: “Women Safety and Security App”

Description: In today’s world, people using smart phones have increased rapidly and hence, a smart phone can be used efficiently for personal security or various other protection purposes. The heinous incident that outraged the entire nation have waken us to go for the safety issues and so a host of new apps have been developed to provide security systems to women via their phones. This proposed application for the Women Safety has three modules app can share the location for graudian, second user can search nearby police contact and user can register complaint online about any harassment by a single click. A single click on this app identifies the location of place through GOOGLE GEO LOCATION and sends a SMS message

comprising this location to the registered contacts and also call on the first registered contact to help the one in dangerous situations.

Features:

- Mange Police Details
- Create Police Station
- Update/Delete Police Station
- View All Complaint
- Receive SMS alert (2nd) from user
- View User Geo Location

Source: <https://codeshoppy.com/shop/product/women-security-app/>

Definition 5 title: Soil App-

Description: Soil is an important ingredient of agriculture. There are several kinds of soil. Each type of soil can have different kinds of features and different kinds of crops grow on different types of soils. We need to know the features and characteristics of various soil types to understand which crops grow better in certain soil types. The proposed application admin whose soil and crop experts will update the information in protal and crop/seed distributor details. User can view those soil details and distributor details.

Features:

- User
- Admin
- login
- Post Soil Details
- Post Distributor Details

Source: www.farmfoodcareon.org

Comparative Study:

Strengths, Weaknesses, Opportunities, and Threats Analysis				
Strengths	Vets App	Agro App	Online Complain	Soil App
Loyal Customers	Yes	Yes	Yes	Yes
Staff	Yes	Yes	Yes	Yes
Good Brand Recognition	Yes	Yes	Yes	Yes
Strong Balance Sheet	Yes	yes	Yes	Yes
Weaknesses				
Regional Location	Yes	Yes	Yes	Yes
Lack of Finance	Yes	Yes	Yes	Yes
Product Range	Yes	Yes	Yes	Yes
Costly	Yes	Yes	No	Yes
Opportunities				
Mobile internet	Yes	Yes	Yes	Yes
Attract a Larger, wider target audience	Yes	Yes	Yes	Yes
Expand more Branch	Yes	Yes	Yes	Yes
Threats				
Can operate loss	Yes	Yes	No	Yes
Costly state laws to oversee delivery	Yes	Yes	No	Yes
Global Competition	Yes	Yes	No	Yes

Final Project Definition:

Description: “Vet Care” is an application which is simple and easy to use for online prescription from veterinary doctor. This application is useful for distant areas, instant consulting and prescription. The proposed application provide system which is useful for layman. “Vet Care” is an android application which is useful for both doctor and users. Farmer has to send his animal’s signs and symptoms. The doctor will receive the farmer’s requests and responds. The user’s data will be automatically added to the database. Farmer has to register first and has to subscribe. Farmer will freely subscribe to Govt. CVHs. He has to pay fee if he will subscribe to the private clinic’s doctor. There will be two payment gateways for the users, bank transfer (Doctor will provide his bank information while creating his profile). Doctors will provide their bank details for payments. He can also provide easy paisa account details. There will be information of influenced animals with basic diseases and their prescriptions. On the basis of recorded data, the doctor can analysis that which disease attacks on vet and suggest the prescription.

Features planned for implementation:

- Tele Medicine
- Animal’s Health Record
- GPS Tracking
- Chat Box
- Nearby Doctor and Clinics
- Doctor Appointment Scheduling
- Audio/Video Conferencing
- Push Notification Alert
- Online Shopping for Pet
- Loyalty Program

Software Requirements: –

Android Tools:

IDE: Android Studio

-Android Emulator

-JDK

PHP Tools:(Optional)

-xampp-win32-5.5.19-0-VC11

-Front End: HTML5, CSS3, Bootstrap

-Back End: PHP, MYSQL

-Control End: Angular Java Script

Hardware Requirements:

Processor : Intel 3 & Above

Installed memory (RAM) : 4 GB & Above

Hard Disk : 500 GB & above

Operating System : Windows 7,8,10 ,11- 64 bit

Limitations:

1. Activity Based coasting
2. Process analysis
3. Technology application (electronic data interchange, barcoding, scanning etc.)
4. Internet Connectivity Mandatory
5. Wrong inputs will affect the project outputs.
6. The android mobile user will not be able to insert or view details if the server goes down.
Thus, there is disadvantage of single point failure.

- **Project Life Cycle**

The waterfall model is a classical model used in system development life cycle to create a system with a linear and sequential approach. It is termed as waterfall because the model develops systematically from one phase to another in downward fashion. The waterfall approach does not define the process to go back to the previous phase to handle changes in requirement. The waterfall approach is the earliest approach that was used for software development

