



VET-CARE

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INTRODUCTION

“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 suggests the prescription.

MODULES

- Doctor:
- ▶ Register
- ▶ Login
- ▶ View Complaint
- ▶ Post Solution
- ▶ Manage Cure
- ▶ Manage news
- ▶ View user Details
- ▶ View Payment Details
- ▶ Feedback Details

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- User:
 - ▶ Register
 - ▶ Login
 - ▶ Post Complaint
 - ▶ My Complaint Status
 - ▶ View Vetcure details
 - ▶ View News
 - ▶ View Doctor
 - ▶ Post Feedback
 - ▶ Make Payment
 - ▶ My Profile

METHODOLOGY

The entire project is divided in to two parts :

1. Server side (Web part)
2. Client side (Apk)

In the server side it consist of on web application.

In the client part its an Mobile application, Flutter framework is used, by using a programming language called Dart.

When we block the project in the server there will be a web application here we use python as a backend programming. To establish connection between the web and application part we use REST protocol (REpresentational State Transfer) it establish a connection between server and client. While the REST is used eb have an API for the server part to communicate with the mobile application.



In this project :

The doctor can enter the data through the web into the database. Doctor can manage user and can view the vetcare report of the user and manage the vetcare report. The doctor can view the payment details done by the users ,also doctor can also view the feedbacks by the user

The doctor can give suggestions to the users and post the solution for the users complaint. In the mobile application part it can be divided in to one interfaces.

1. User

The user can register through the application by giving the details. After logging into the application user can post their vetcare details and they can view their vetcare report. The user can view available doctors and view the news.

The user can also post their complaints and they can also see their complaint status. User have a payment option for the private doctors. This payment is done by a payment gateway and user can give feedback.

DEVELOPING ENVIRONMENT

- **Hardware Requirements**

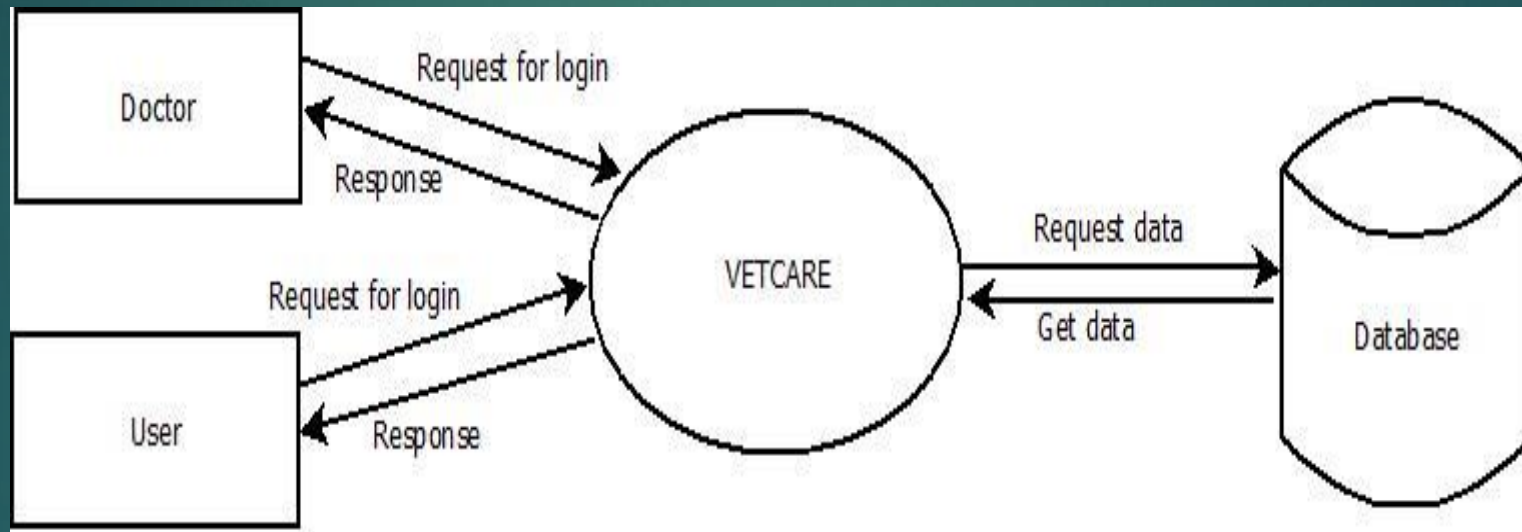
- Processor : i3 and above
- RAM : 4GB
- Storage : 500GB Hard disk

- **Software Requirements**

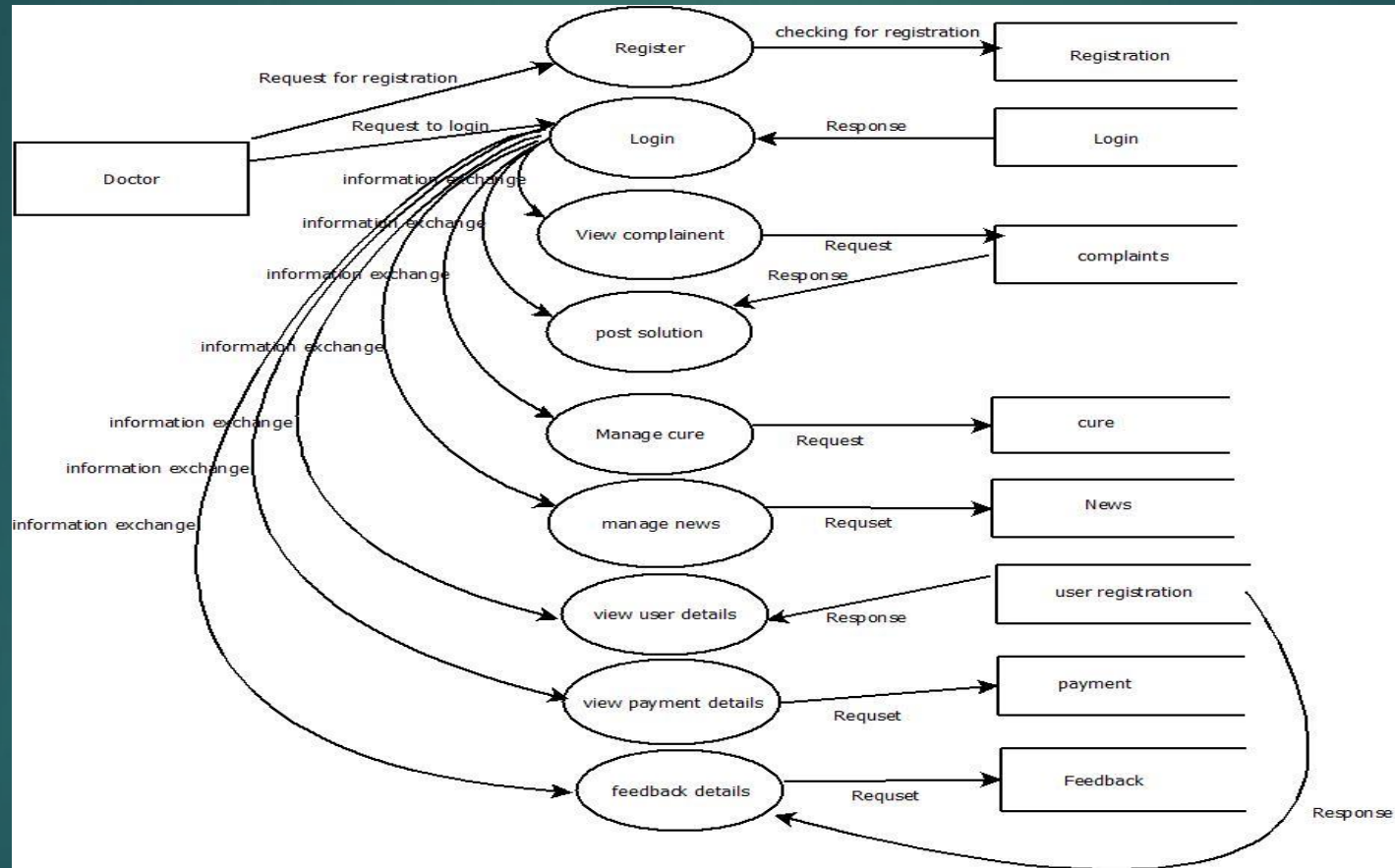
- Front End: HTML5, CSS3, Bootstrap, Dart (Flutter)
- Back End: Python, MYSQL
- Frame work: Flutter
- IDE: Android Studio Android Emulator

DATA FLOW DIAGRAM

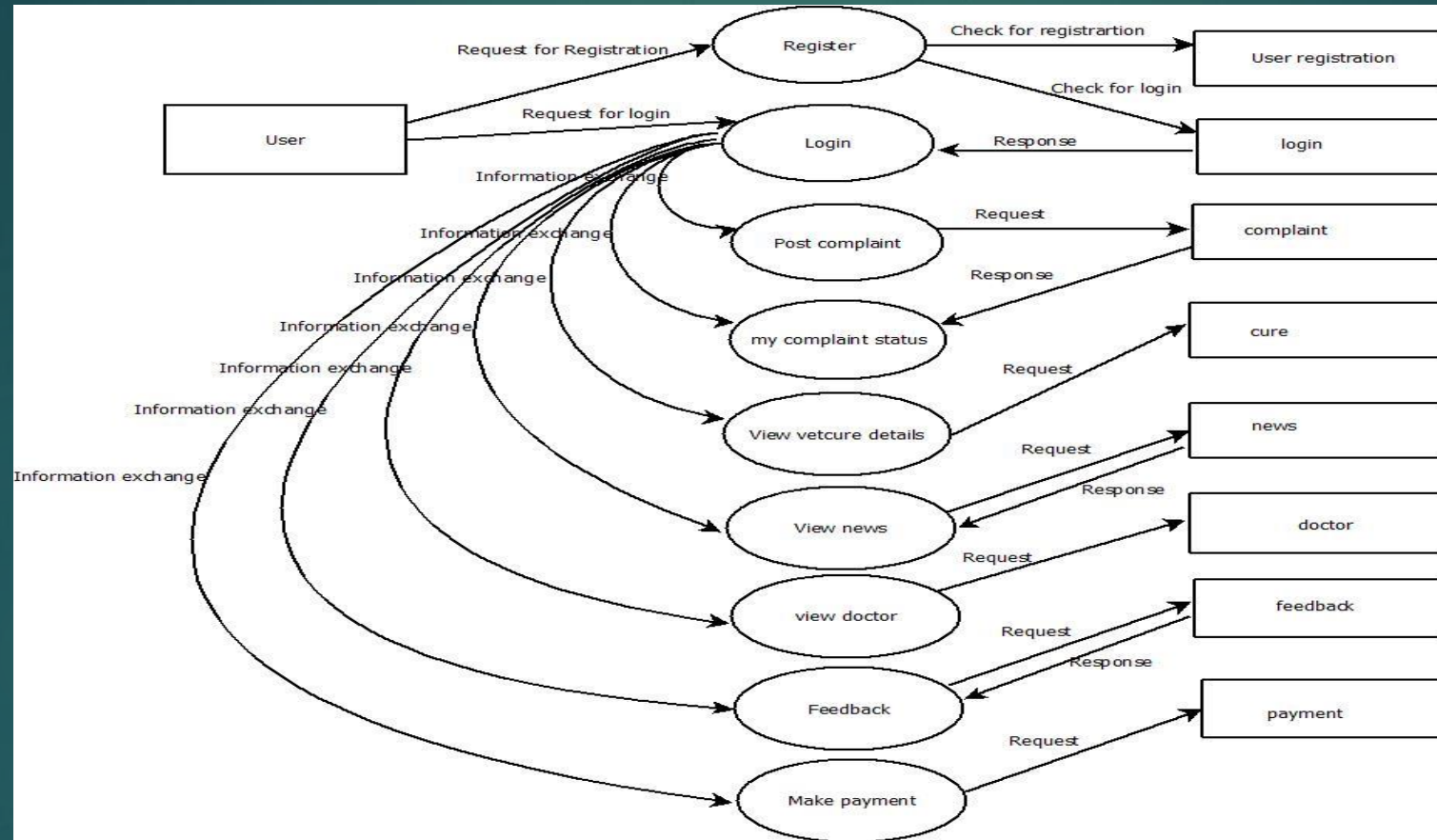
Level 0



Level 1.1



Level:1.2



USER STORY


User Story ID	As a <type of user>	I want to	So that I can
1	Doctor	Register	Register doctor by username & password
2	Doctor	Login	Login with correct username & password
3	Doctor	View complaints	Manages the complaints
4	Doctor	Manage vet cure	Provides the vet cure
5	Doctor	Manages news	Provide news
6	Doctor	View payment	Manages the payment
7	Doctor	Feedback	Provide feedback
8	Doctor	Post solution	Posting solution
9	User	Register	Register user by username & password
10	User	Login	Login with correct username & password



User Story ID	As a <type of user>	I want to	So that I can
11	User	Post complaints	Posting complaints
12	User	Complaint status	Checking complaint status
13	User	View vetcure details	View vetcure details
14	User	View news	View news
15	User	View doctor	View doctor
16	User	Post feedback	Psoting feedback
17	User	Make payment	Makking payment
18	User	My profile	Manage profile

PRODUCT BACKLOG

User Story ID	Priority <High/Medium/Low>	Size (Hours)	Sprint <#>	Status <Planned/In progress/Completed>	Release Date	Release Goal
1	Medium		1	Completed	16/04/2022	Register
2	Medium			Completed	24/04/2022	Login
3	High			Completed	27/04/2022	View complaints
4	High		2	Completed	02/05/2022	Manage vetcare
5	High			Completed	14/05/2022	Manages news
6	Medium			Completed	27/05/2022	View payment
7	Medium		3	In progress		Feedback
8	Medium			In progress		Post solution
9	High			In progress		Register
10	High			In progress		Login



User Story ID	Priority <High/Medium/Low>	Size (Hours)	Sprint <#>	Status <Planned/In progress/Completed>	Release Date	Release Goal
11	Medium		4	In progress		Post complaints
12	Medium			In progress		Complaint status
13	High			Incomplete		View vetcure details
14	Medium			Incomplete		View news
15	High		5	Incomplete		View doctor
16	Medium			Incomplete		Post feedback
17	Medium			Incomplete		Make payment
18	High			Incomplete		My profile

PROJECT PLAN

User Story ID	Task Name	Start Date	End Date	Days	Status
1	Sprint 1	14/04/2022	16/04/2022	3	Completed
2		18/04/2022	24/04/2022	7	Completed
3		25/04/2022	27/04/2022	3	Completed
4	Sprint 2	30/04/2022	02/05/2022	3	Completed
5		12/05/2022	14/05/2022	3	Completed
6		21/05/2022	27/05/2022	7	Completed
7	Sprint 3	28/05/2022	30/05/2022	3	In progress
8		31/05/2022	02/06/2022	3	In progress
9		3/06/2022	06/06/2022	4	In progress
10		07/06/2022	08/06/2022	2	In progress

User Story ID	Task Name	Start Date	End Date	Days	Status
11	Sprint 4	10/06/2022	13/06/2022	4	In progress
12		15/06/2022	16/07/2022	2	In progress
13		18/06/2022	20/07/2022	3	Incomplete
14		21/06/2022	23/07/2022	3	Incomplete
15	Sprint 5	24/06/2022	27/06/2022	4	Incomplete
16		28/06/2022	30/06/2022	3	Incomplete
17		01/07/2022	02/07/2022	2	Incomplete
18		04/07/2022	06/07/2022	3	Incomplete

SPRINT BACKLOG PLAN

Backlog item	Status & Completion date	Original estimate in hours	Day1	Day2	Day3	Day4	Day5	Day6	Day7	Day8	Day9	Day10	Day1	Day11	Day12	Day13	Day14
User story #1,#2,#3		hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs
Register	16/04/2022	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Login	24/04/2022	7	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0
View complaints	27/04/2022	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
User story #4,#5,#6																	
Manage vetcare	02/05/2022	3	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0
Manages news	14/05/2022	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
View payment	27/05/2022	7	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0

[illegible]

SPRINT ACTUAL

Backlog item	Status & Completion date	Original estimate in hours	Day1	Day2	Day3	Day4	Day5	Day6	Day7	Day8	Day9	Day10	Day1	Day11	Day12	Day13	Day14
User story #1,#2,#3		hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs
Register	16/04/2022	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Login	24/04/2022	7	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0
View complaints	27/04/2022	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
User story #4,#5,#6																	
Manage vetcare	02/05/2022	3	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0
Manages news	14/05/2022	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
View payment	27/05/2022	7	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0

[illegible]

TSAMK YOZI