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24-06-2021

Problem and its solution?

- Our group studies on different problem in our daily life and how to solve it.
- Our project member calls their friends and other educated person to see what type of problem occurred in their life.
- I searched all the problem on the internet. She finds what type of problem is facing by people.
- Nisarag rakholiya and Bhavy patel both search problem in daily life.
- Tushar Patel is doing work to listing out what they had searched and fetching how problem can solved.
- Then we discuss all the problem which can be solve by us.
- We discuss various problem like
    1. book store website: in this online trend and this type of situation where everyone studying online everyone needs books so we are thinking to make a website which provide all the books and other materials.
    2. college management system: manging the college its all the different section and department and providing student AI chat board where student can fix their common problems.
    3. path and path: in this problem we are thinking to make app that give lift when you are going to one position to other position and you have enough space to seat in your vehicle you can give the lift to people who have same destiny. means in your way(route). For example, if one person going to Ahmedabad to modasa in car and have empty seats and if he/she want to share then he/she use our app and can share his/her car to other people who have same route.
    4. Delivery App : we find this problem in our regular basis. This problem is find by our own project member Patel bhavy and Patel Tushar. In that situation books of sem4 was at bhavy's house and Tushar can't want to his home because of some problem and there was some delivery app available but it cost more. So find that this is going wrong.

->this type of problem we fetched and we discussed with our respected faculty and our group member.

We have arranged group meeting to discuss about taking a new project or select our previous year project as Current semester project. In that discussion we finalize our decision as taking previous year project for current semester DE subject. but we are here in improvement stage so we adding mode features to our product.

01-07-2021

After discussion with sir we arranged group meeting and prepared points that should be prepared

1. *Problem and its solution (Group task)*
2. *Why this app is required (Group task)*
3. *Various apps that should be stated into comparison table*

    a. *Wefast app (Given to Nisarg - 200160116517)*

    b. *Deliforce delivery management (given to Bhavya -200160116512)*

    c. *Saral app(given to me -200160116514)*

    d. *Portar delivery app (given to Tushar -200160116507)*

4. *Policy Design (Tushar Patel, Nisarg rakholiya)*
5. *Comparison table (Bhavya Patel, me)*

03-07-2021

<u>Summary on Saral app</u>

• We are planning to implement our project named swiftly delivery. So for that we search apps which provide same service which we want to serve to people. So that our team distributed to find different apps or website which provides same service. So, after searching a number of applications we found some good application. So, I found saral application (.apk) which is providing this type of services.

• Saral app is an Android app which is used to send your parcel to one point to another point. Saral App is developed by Ship-rocket – eCommerce Logistics Solution. Which is ecommerce company for courier service.

• Saral app is released on 16 Jun 2020. It looks pretty good and nice GUI based application.

Saral app have different features like:

1. With Saral, any retail shop owner or a small business can create an order or directly send packages – groceries, medicines, or any essentials to customers nearby.

2. With Saral, you can ship both prepaid and COD orders.

3. Saral is available in both languages English and Hindi.

4. Authentication using Mobile number with OTP(one time password)

5. Ai based chat bot. 6. It gives different options what we want to send [like book 📚, food 🍱, document 📋, electronic💻, other]

7. It gives different options for weights 0 to 15 kg

8. It customers care open at 10:00 AM to 7:00 PM from Monday to Saturday.

9. It provides you fast delivery option (same day delivery option).

• Saral App provides this type of features for user interaction with there Application.

• Saral App is simple and easy to use and every one can easily use it non educational people can you it After that we have also searched about another application which are summarized below

05-07-2021

All group members submitted the reports on the different delivery management apps.to summarize this I have prepared comparison table.

Here it is

Feature name	Portar Delivery app	Deliforce delivery app	Saral app	WeFast Application	Swiftly delivery
General Features					
Real time tracking	✓	✓	✓	✓	✓
Automatic delivery task assignment	✗	✓	✗	✗	✓
Delivery Agent features					
Notification for new tasks	✓	✓	✗	✗	✓
Customer signature as proof of delivery /picture proof	✗	✓	✗	✓	✓
Smart routing system (Show optimized route based on accepted task)	✓	✓	✓	✓	✓
Customer features					
SMS/ CALL features to get delivery information	✗	✓	✓	✓	✓
Helper facility	✓	✗	✗	✗	✓
In-app wallet	✓	✗	✓		✓
COD payment	✓	✗	✓	✓	✓
Prepaid payment(Paytm, Phone pay,UPI payment)	✓	✓	✓	✓	✓
AI chatbot	✓	✗	✓	✓	✓

Available in different languages	❌	❌	English and Hindi	❌	❌
Available on different platform	✓	✓	Android Only	✓	Android Only
Customer care	✓	✓	✓	✓	✓
Insurance	❌	❌	✓	✓	✓
Admin features					
Business Analytics	✓	✓	❌	❌	✓
Agent reports	✓	✓	✓	✓	✓

08-07-2021

Sir informed us to prepare AEIOU sheet.

11-07-2021

Based on sir's instruction we have started to discussion various points of various points of AEIOU sheet. We have arranged Google meet to discuss all aspects of AEIOU sheet.

During discussion I have listed all the key points that should be written into AEIOU sheet then I have prepared AEIOU sheet.

Here it is

AEIOU Summary:

Domain Name: **SWIFTLY DELIVERY**

Environment:
- Rainy season
- Intercity location
- Covid restricted area
- Intracity locations

Interactions:
- Sender to delivery boy
- receiver to delivery boy
- Delivery boy to transfer office
- Delivery boy to Organization
- User to customer care
- User to AI chatbot

Objects:
- Vehicle
- Mobile device
- Packet
- Internet connection
- Parcel bag

Activities:
- Picking up parcel
- Packing up packet
- Pasting tracking slip
- Parcel Cancelation
- Verifying weight of packet
- Transferring packet to related area's office
- Delivering parcel

Users:
- Students
- Professionals
- Restaurants
- Aged people
- Grocery shops
- Medical shops
- Normal people

17-07-2021

After a discussion with sir I have reformed the AEIOU sheet, making changes to the sheet, adding and removing some key notes. sir also told us to prepare empathy mapping and mind mapping canvas.

AEIOU Summary:

Group ID:
Domain Name: SWIFTLY
Date:
Version:

Environment:
- Rainy season
- Intercity location
- Covid restricted area
- Intracity locations
- Traffic jammed area
- Winter
- Summer
- International Parcels

Interactions:
- Sender to delivery boy
- receiver to delivery boy
- Delivery boy to transfer office
- Delivery boy to Organization
- User to customer care
- Sender to Packet
- Receiver to packet
- Delivery boy to Vehicle

Objects:
- Vehicle
- Packet
- Parcel bag
- Pen
- Order Checklist
- Sellotape

Activities:
- Posting a post
- Picking up parcel
- Packing up packet
- Pasting tracking slip
- Parcel Cancelation
- Verifying weight of packet
- Driving
- Transferring packet to related area's office
- Delivering parcel
- Customs Checks
- Shipping
- Loading packet into cargo Plane or Ship

Users:
- Students
- Professionals
- Restaurants
- Aged people
- Grocery shops
- Medical shops
- Normal people

Now to make empathy mapping canvas we have arranged google meet. and discussed various key points of empathy mapping canvas

Here is the Empathy mapping canvas

Design For : SWIFTLY DELIVERY   Design By

Date   Version

USER

SENDER	RECEIVER
DELIVERY BOY	DELIVERY MANAGER
Customer care	Admin

STAKEHOLDERS

Restaurants	Grocery shops
Medical shops	Colleges
Students	

ACTIVITIES

Posting a post	Parcel Cancelation	Delivering parcel
Packaging packet	Verifying weight of packet	Customs Checks
Picking up parcel	Driving	Shipping
Pasting tracking slip	Transferring packet to related area's office	Loading packet into cargo Plane or Ship

STORY BOARDING

HAPPY

Pratik was in his office and he did not able to eat his homemade lunch.so he call his wife and she use this application to send lunch to her husband. so, she set her and her husband's location. after that the delivery boy went to the location to take parcel and deliver it. hence, Pratik is happy.

HAPPY

Tushar was in the college and forgot his Assignment book.so open this application and select his home address and his destination address, after that he get the assignment book on time with the help of this application and completed his submission on time. hance, Tushar is happy

SAD

Ravi was in the collage his interview and accidently he forgot his certificate. because he is in interview, he can't got to home get his certificate. due to this this he was rejected by the interviewer. hance, Ravi is sad

SAD

Raj and Vinit were two friends, once upon a time Vinit want his book to complete his assignment but that book was given to raj. so he called raj for getting his book. but raj was not able to back Vinit's book because he is so sick. so Vinit wouldn't complete his assignment on time. hance, Vinit is sad