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Project Definition Exploration

1. **Definition 1 : Transportation System**
   Description:
   This app will help students to get information about their institute transportation's schedules and routes.

   Features:
   - ❖ Will notify students if there is change in routes.
   - ❖ Complaint Section.
   - ❖ Student can set their location
   - ❖ Notify students when their stop is 300 m away
   - ❖ Bus tracking

   Source: Red Bus

2. **Definition 2 : Tourism App**
   Description:
   This app will help users to get idea about different-different famous tourist destinations for particular city.

   Features:
   - ❖ Will give list of sightseeing places when user will enter city's name
   - ❖ It will also show the ticket price
   - ❖ Opening and Closing Time
   - ❖ Distance from your location
   - ❖ Will suggest best hotels
   - ❖ Category wise results

   Source: Make My Trip

3. **Definition 3 : Event Management**
   Description:
   Will help you to manage your special occasion or small functions and parties

   Features:
   - ❖ Will give you decoration idea
   - ❖ Will suggest occasion planner
   - ❖ Best shop to buy decoration items
   - ❖ Suggest Outfits according to your function

   Source: Event Planner (Party Planning)

4. **Definition 4 : Online Hospital Appointment**
   Description:

   Will help users to find best hospital to the nearest place of yours and user can take appointment without going at that location

   Features:
   - ❖ Will find the hospital near by you or top rated
   - ❖ Online appointment
   - ❖ Will provide token and timing (when you are supposed to come at hospital)

   Source: AIIMS Online Appointment Info

5. **Definition 5: Forever Family Saloon App**
   Description:

   - ❖ This app will help and support out client to step up their Business and transforming their traditional ways of business management to Digital ways.
   - ❖ Our app is specifically focused for our client Forever Saloon.
   - ❖ With this app we have tried to fulfill the basic requirements of our client which includes easy and simple communication directly with the saloon, featuring their best products and services, showing unfiltered reviews by the customers and many more.
   - ❖ Our aim is to Implement as many features and Functionalities as we can along with the easy to use interface

   Features:

   - ❖ Login/Logout
   - ❖ Registration
   - ❖ Shows Opening and Closing
   - ❖ Book appointment
   - ❖ Customer Reviews
   - ❖ Schemes and Offers panel
   - ❖ Owner and Staff Details

   Source:

   - ❖ Zoylee Saloon and Spa app

Comparative Study:

Strengths, Weaknesses, Opportunities, and Threats Analysis				
Strengths	**Application1**	**Application2**	**Application3**	**Application4**
Login/Registration	Yes	No	Yes	Yes
Online Appointment	Yes	No	Yes	Yes
Show Unfiltered Reviews	No	No	No	No
Attractive UI	Yes	Yes	Yes	Yes
Weaknesses				
Improper Authentication	No	No	No	No
Basic and Simple UI	No	Yes	Yes	No
Software Maintenance complexity	No	No	Yes	Yes
No Optimisation for Storage	No	No	No	No
Extra charges	No	No	Yes	No
Opportunities				
Online Payment	No	Yes	No	Yes
Data encryption	Yes	Yes	Yes	Yes
AI based Features	No	No	No	No
Upgradation in UI interface	Yes	Yes	Yes	Yes
Threats				

Load on your device	No	No	No	No
Malware attacks	Yes	Yes	No	No
Poor identity management and cryptography	No	No	No	Yes
Client-side storage and data leakage	No	No	No	No

Final Project Definition: Forever Family Saloon

Description:

- A small saloon called Forever Family offers services like haircuts, hair washes, grooming, etc.
- With our app, we hope to assist our clients in transforming their conventional business practices into more effective ones that utilize digital platforms.
- We made an effort to implement and include all the features and functionalities that could improve our user experience in this application.
- Our application will make it simple and effective for our client to manage their staff and customers.

Features planned for implementation:

- Login/Logout
- Registration
- A separate panel that will display the saloon's opening and closing motions.
- Users won't need to physically visit the saloon in order to make appointments; they can do so directly from their application.
- Customers will be given a section where they can rate and discuss their opinions of the services, overall experience, etc.
- All the profitable schemes and offers made by the saloon will be displayed in a separate panel designated for schemes and offers.
- Additionally, it will display the fundamental details of the business's owner, employees, and their availability.

Limitations:

- Currently, neither the App nor its Data are properly authenticated.
- Additionally, we only used the basic UI for the first version; however, we plan to upgrade it in the future to make our application look prettier.
- There is currently no adequate storage optimization or data backup available.
- Due to security concerns, the online payment option is not yet available.
- This still has a long way to go before it can adapt to different screen sizes.

- We are still a little ways off from offering our users complete security and protection.