Mobile Case Study

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Les Artisans Du Gabon

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➢ Application Background

- Sell artisans throughout the Gabonese territory.
- Make known their know-how.
- Develop the craft sector.
- Boost entrepreneurship.
- Reassure the population about a reliable craftsman.
- Stop the scams.
- Facilitate the knowledge of different points Airtel money,
- Increase the customer base to Airtel money boxes.
- Allow boxing owner Airtel money to value all of their product except AIRTEL MONEY.

➢ Client Profile

The client was a highly qualified from Gabon running side business of craftsman service and airtel money service management. Looking for a solution that could simplify his search related task. The challenges were to:

- Searching nearest craftsman from Gabon city.
- Provide information related to craftsman service like type of service it provides.
- Find nearest point airtel money.
- Filter craftsman and point airtel money.
- Provide chat facility between craftsman and customer.

➢ Business Need

The client was looking to develop a mobile application using Android and PHP as a Backend.

The features they were looking for were:

- Register customer, craftsman and point Airtel money from app.
- Search point airtel money, service provider from city and find nearest service provider from sub cities.
- Display airtel money and service provider information to customer via list.
- Provide chat facility to customer with service provider.
- Verify customer, artisan, airtel money from admin.
- Push notification for upcoming message.
- Send notification for plan subscription.

➢ Challenges

- Searching service via location, service type and sub city.
- Maintain chat history for all user.
- Sort services for different category.
- Implement two-way communication mechanism.

➢ Solution features
- We used android studio version (3.1) as a front end and PHP as backend technology.
- Provided mobile compatible from (API level 18 – 25).
- For UI experience we used Android arsenal library.
- System was highly maintainable.
- For parsing web service, we used Retrofit library.
- Integrate the Paytm gateway and bank transferred by the help of Paytm documentation.

➢ Benefits
- The client was able to use the application from any supported device as mentioned in documentation.
- The client was able to use most of the features of the application including graphics operations very efficiently without facing any issues like page load issues and similar.
- Application was designed in a way that, it can be extended easily in the future anytime the client wishes to do so.
- We achieved a great level of client satisfaction, by meeting his needs as we do it with each and every client of Dogra Technologies.
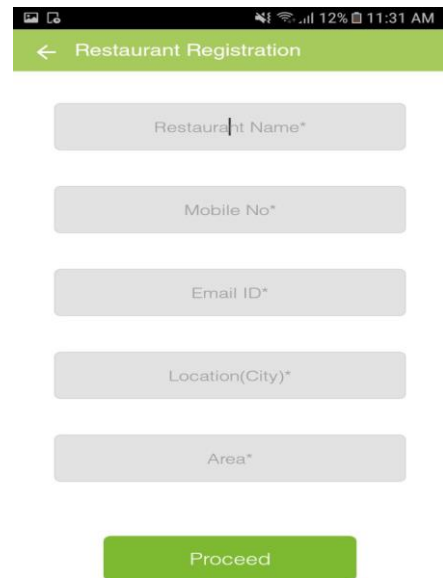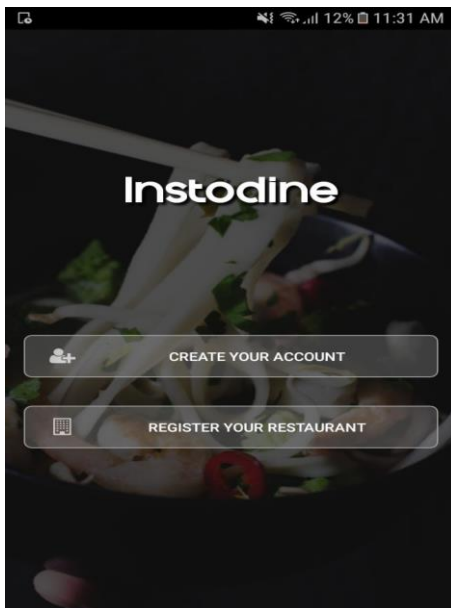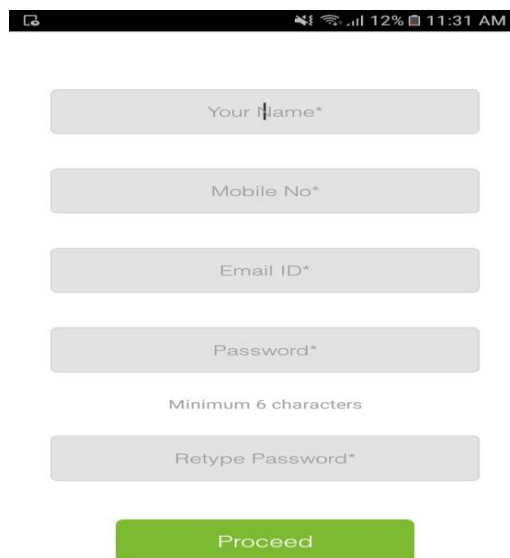
➢ Technology Used
- Android Studio 3.1
- Support Android version (4.4.4 and above)
- PHP
- Third party library.

Feature 1

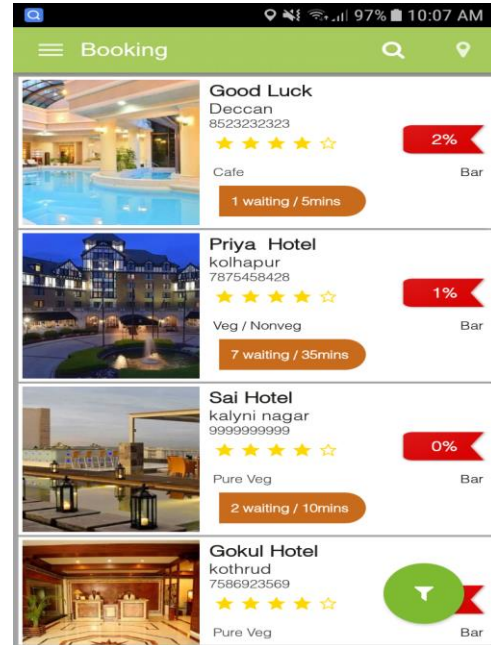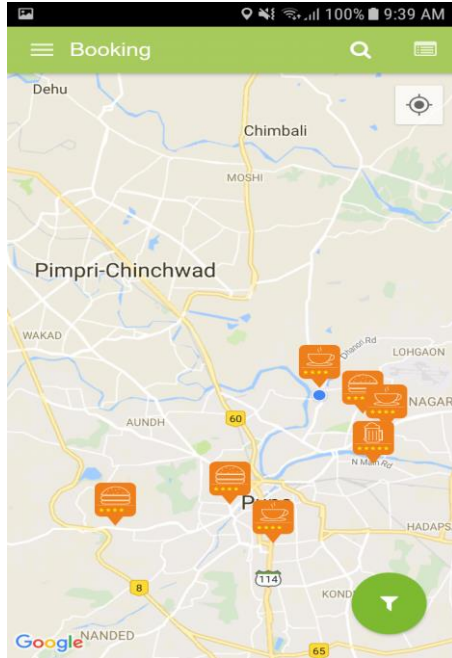- Registration of customer and point airtel money
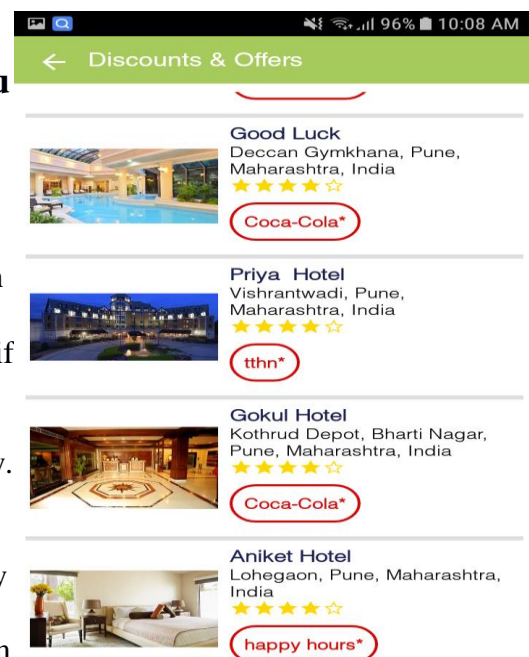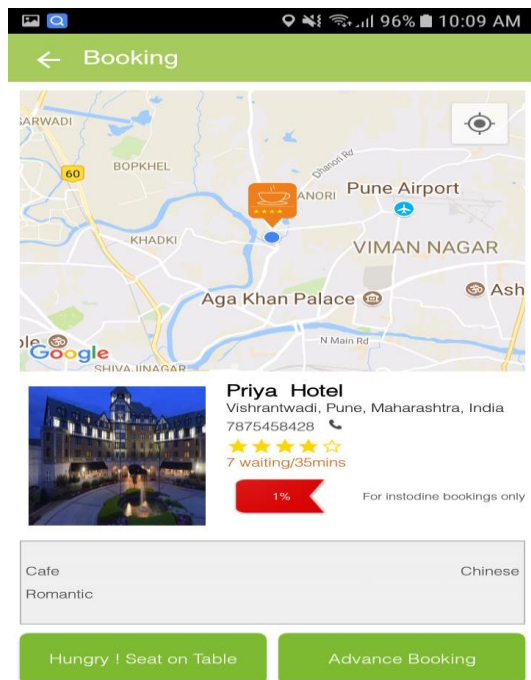
Feature 2
- Home screen

Feature 3
- Artisan list as per city.
- Point airtel money list as per city.

Feature 4
- etails of artisan
- etail if point airtel money.
- hat history of custom

er with artisan.