

FDLA

Project Proposal & Architecture Outline

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Project Description:

The FDLA project is a self sufficient e-commerce platform that allows fashion designers to upload and sell their designs to customers. Following a similar concept as to Amazon, with custom vendors the platform will require little to no intervention from the client.

This project has three main components:

1. Mobile Apps for both iOS & Android
2. Custom web e-commerce platform
3. Admin dashboard

Project Scope:

User Website

- Sign up via Facebook - User will select facebook and the app will open the facebook app, once user authenticates from facebook he/she is able to enter the app.
- Sign up via email - Users will be able to create a separate account on the app by putting in the following - Full name, picture, email address, password
- Home Screen: Users will see four options Fashion Events, Collection, Services and Store - on the home screen.
- Fashion Events: Fashion Designer will post the Fashion events that they are hosting, It would show a small description about the event, Date, Time and Venue.
- Products: Products menu will show the products offered with a small description about the product and Customer will select items from product menu, add number of items, select order time and select store to deliver the product.
- Place a service pickup or delivery, Add delivery details.
 - Option to choose current location as the delivery location.

- Choose a payment method (cash or card). Stripes integrations for payment gateway.
- After user will place the order, the app will show the invoice to the customer.
- User can also be offered a choice of apply promo codes on the cart screen.
- Track order/service requests - See status of the upcoming & In-progress orders and service requests.
- Past order/service requests -The user will be able to see the past orders and service requests that they made over the platform.
- Settings - User will be able to manage preferences from here.
 - Update profile details.
 - See referral code and share with other.
 - Update payment preferences.
 - Terms and conditions

User App (iOS and Android)

- Sign up via Facebook - User will be able to sign up through facebook tab. Once the user authenticates from facebook he/she is able to enter the app. Sign up via email - Users will be able to create a separate account on the app by putting in the following -
 - Full name,
 - picture,
 - email address,
 - Password
- Home Screen: Users will see four options Fashion Events, Collection, Services and Store - on the home screen.
- The customer application will have two sections Event/News and E-commerce.
- Fashion Events: Fashion Designer will post the Fashion events that the they are hosting, It would show a small description about the event, Date, Time and Venue. The user can buy the event tickets in app.
- Products: Products menu will show the products offered with a small description about the product and Customer will select items from product menu, add number of items to the cart, select order time and select store to deliver the product.

- Place a service pickup or delivery, Add delivery details.
 - Option to choose current location as the delivery location.
 - Choose a payment method (cash or card). Stripes integrations for payment gateway.
 - After user will place the order, the app will show the invoice to the customer.
 - User can also be offered a choice of apply promo codes on the cart screen.
- Track order/service requests - See status of the upcoming & In-progress orders and service requests in app.

Past order/service requests - The user will be able to see the past orders and service requests that they made over the platform.

- Settings - User will be able to manage preferences from here.
- Update profile details.
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Business Owner Admin Panel (Web)

- Login - The super admin has the ability to login to the system using the valid Email id and the password given by us.
- Dashboard - Admin will able to see all important metrics like
 - Total items booked.
 - Today's events
 - Revenue generated.
 - Registered Users.
- User Management -
 - View list of registered users
 - Block/unblock a user.
- Events/Products management -
 - Add/Edit Fashion Events.

- Add/Edit events.
- View list of products/events.
- In Stock/Out of stock items
- Block/Unblock an item/events.
- Order/request management -
 - View history and record of all the Orders/service requests.
 - Filters to check products/Categories related orders.
 - Able to cancel or block the orders

1.1. Fashion Designer Panel (Web)

- Signup/Login - The chef will be able to sign up on the platform using sign up information -
 - full name
 - email address
 - contact number.
 - The admin will approve/decline the sign up request.
 - The Fashion designer will be able to login to the platform using email address and Password.
- Home screen - The Fashion Designer would be able to see the service requests and orders. The chef can take the required actions on the received requests.
- The fashion designers can run their own promotions.
- Products - Designers will have the ability to create products and list them on the platform, products must be approved by the admin before they go live.
- Settings - User will be able to manage preferences from here.
 - Update profile details.
 - Logout

Technology Stack:

- iOS: Swift
- Android: Java
- Backend: Firebase
- Website & Dashboard: Angular, Bootstrap
- Payments: Stripe
- Emails: SendGrid

Pricing & Timeline:

Platform	Price	Timeline
iOS App	\$17,500	7 Weeks
Android App	\$17,500	7 Weeks
Web + Backend	\$15,000	10 Weeks

Apps + Website:

- Price: \$50,000 - \$5,000 (discount from Victor) = \$45,000
- Timeline: 3-4 Months

Website:

- Price: \$15,000
- Timeline: 3-4 Months

Misc Costs:

Since this project is a custom platform that is hosted on the cloud there will be fees required by some of the services we use to build the platform, they can be described as followed:

- Firebase: \$25/month
- Apple Developer Account: \$100/year
- Google Play Store: \$25/year
- Stripe: 2.9% + 30¢ per transaction