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Key Considerations
        How will your app handle data persistence?
        Describe any corner cases in the UX.
        Describe any libraries you'll be using and share your reasoning for including them.
        Describe how you will implement Google Play Services.
Next Steps: Required Tasks
    Task 1: Project Setup
    Task 2: Implement UI for Each Activity and Fragment
    Task 3: Your Next Task
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The Founder's Cafe

Description

An app which is made for The Founder's Cafe, a coworking space, to provide booking and tracking functionality, for coworking members

Intended User

Startups, Freelancers which are associated with The Founder's Cafe , using their coworking space, booking meeting rooms and office space provided by TFC

Features

The Main features are

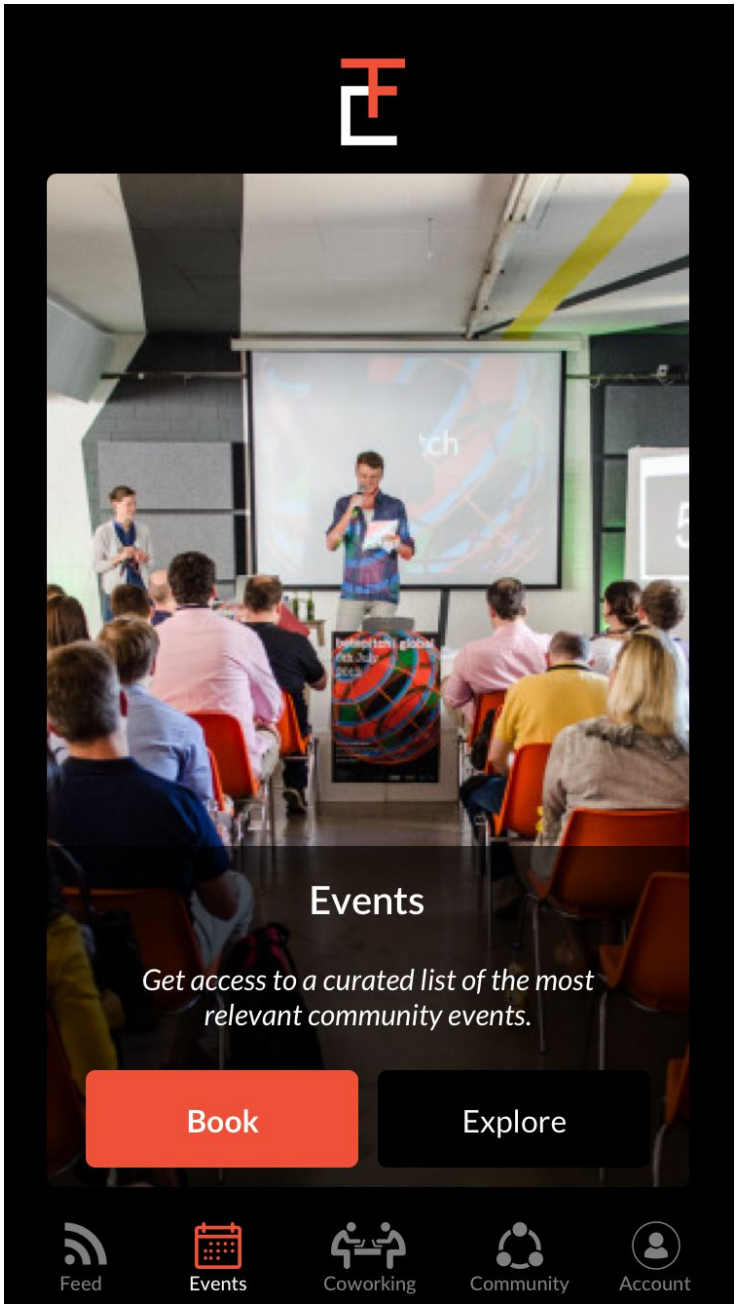
- Register yourself as an individual or a team
- Buy Team-Room, Coworking Space, Meeting Room , Virtual office etc.
- Register you events at TFC's facility.
- Join any listed events.

- Passwordless Login using OTP (although i could've used Account-kit sdk for this but my client refused).
- Create a team and refer members to join.
- Newsfeed section shows you blogs from different categories which you can select.
- The future functionalities will include use of IOTs like coffee machine fax- machine, VOIP using the app(currently not part of the app).

User Interface Mocks

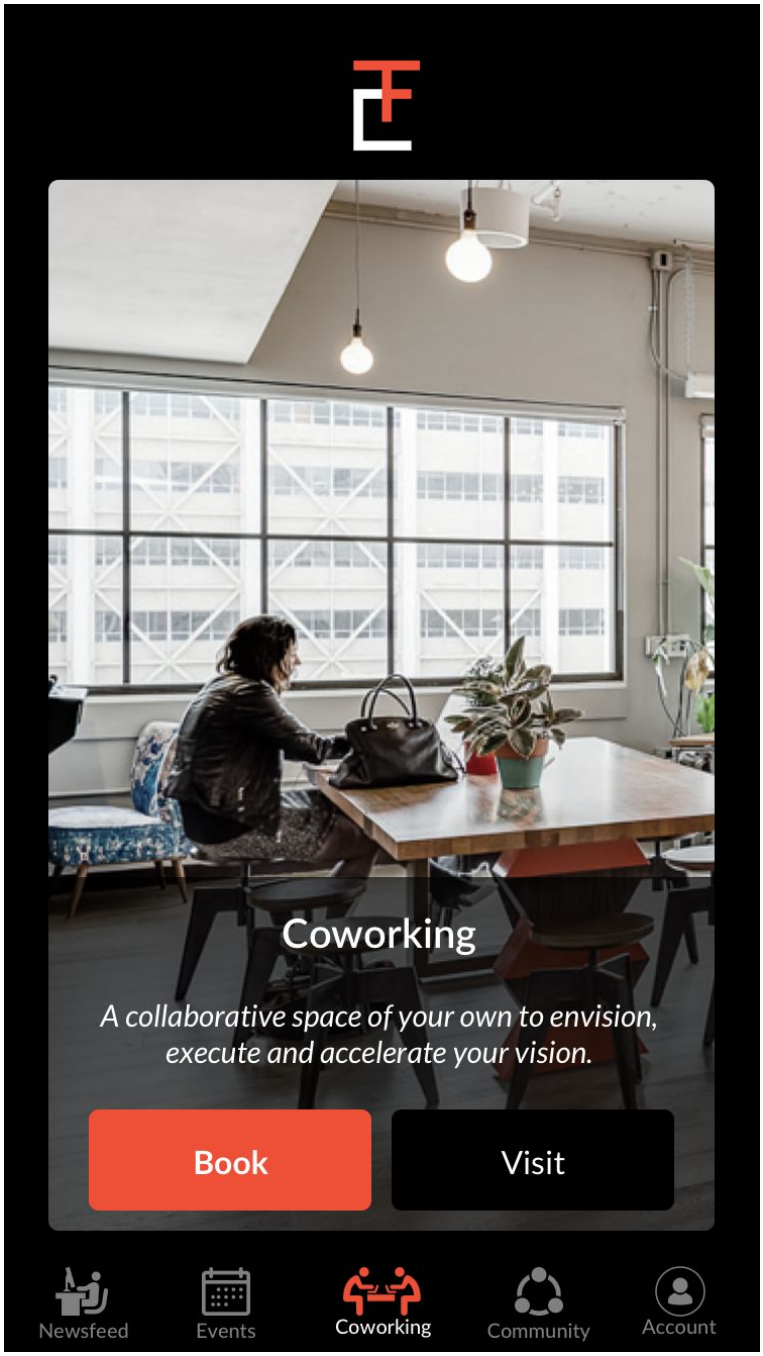
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



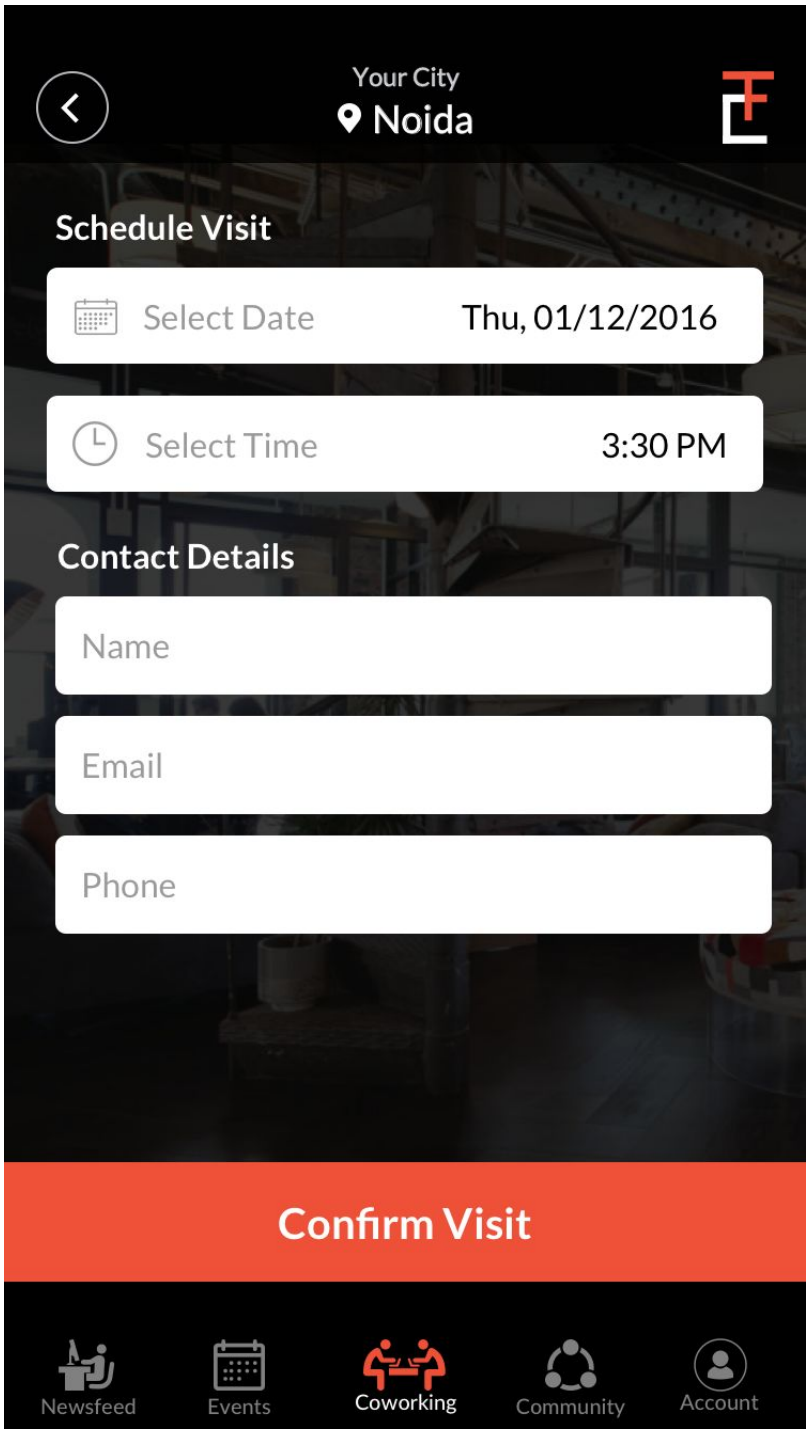
This is one of the elements of the home-screen .

Screen 2



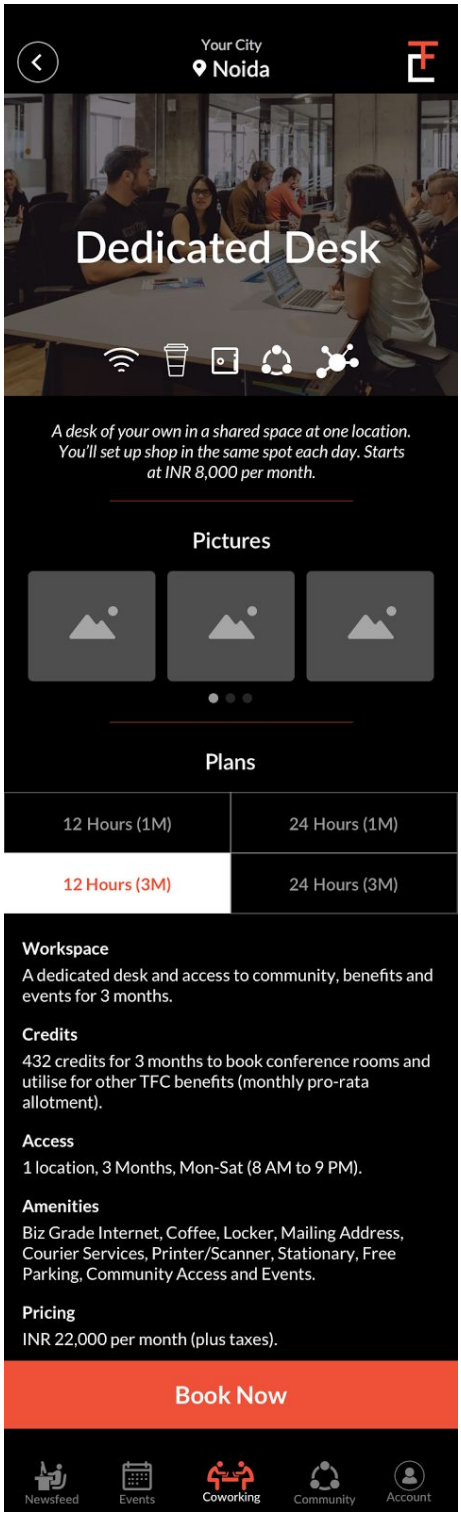
Home-screen Coworking

Screen 3

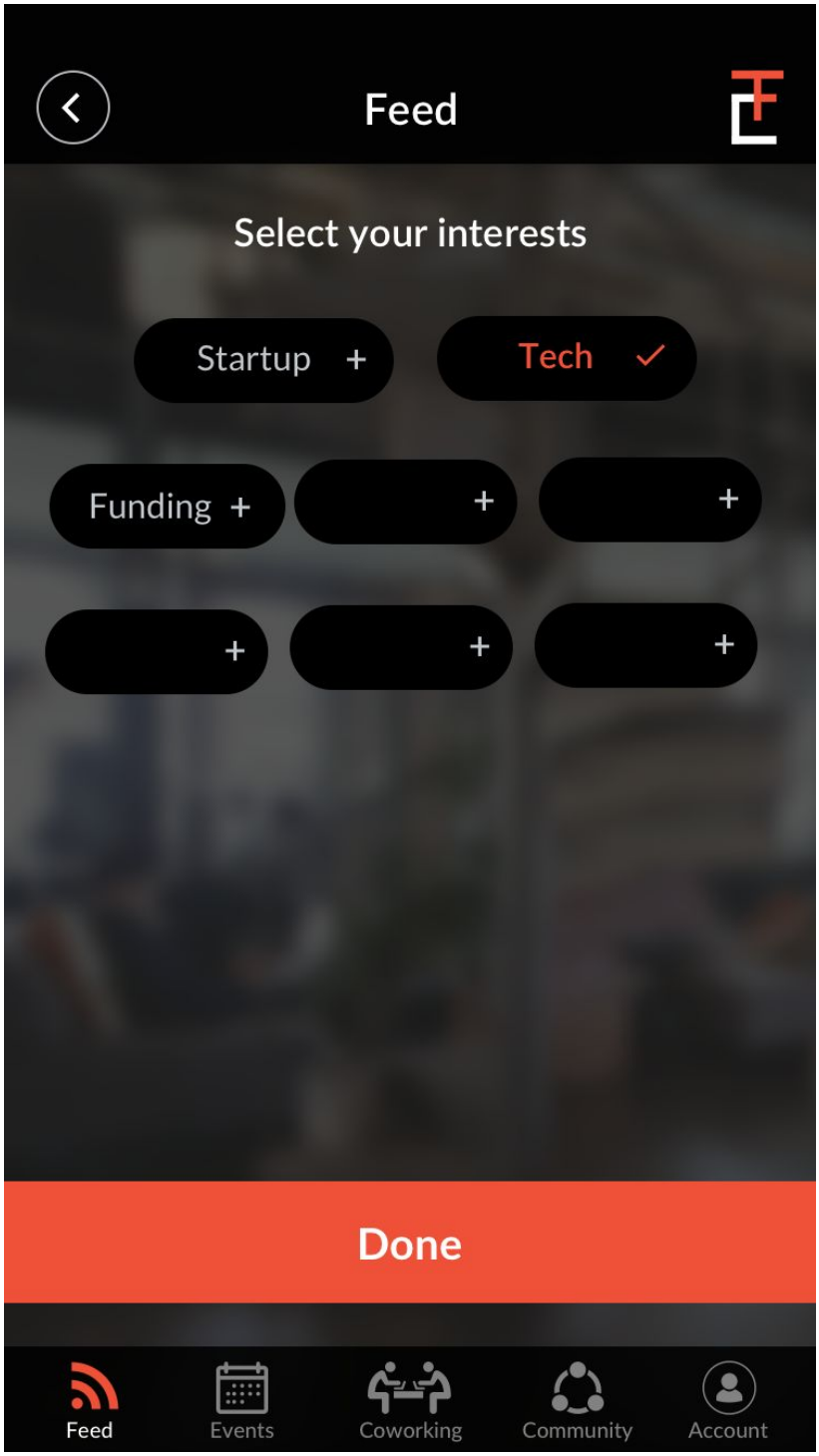


Visit Facility Screen

Screen 4


Your City
Noida
Dedicated Desk
A desk of your own in a shared space at one location. You'll set up shop in the same spot each day. Starts at INR 8,000 per month.
Pictures
Plans
12 Hours (1M)
24 Hours (1M)
12 Hours (3M)
24 Hours (3M)
Workspace
A dedicated desk and access to community, benefits and events for 3 months.
Credits
432 credits for 3 months to book conference rooms and utilise for other TFC benefits (monthly pro-rata allotment).
Access
1 location, 3 Months, Mon-Sat (8 AM to 9 PM).
Amenities
Biz Grade Internet, Coffee, Locker, Mailing Address, Courier Services, Printer/Scanner, Stationary, Free Parking, Community Access and Events.
Pricing
INR 22,000 per month (plus taxes).
Book Now
Newsfeed
Events
Coworking
Community
Account

Screen 5


Feed
Select your interests
Startup +
Tech ✓
Funding +
+
+
+
+
+
Done
Feed
Events
Coworking
Community
Account

Key Considerations

How will your app handle data persistence?

There is no much need of data persistence at the current moment in the app, but for the sake of requirements i am persisting the cities available in our app, making my own content provider.

Describe any corner cases in the UX.

UX in this case had a peculiar demand from client, the app as you can see has a tablayout with a viewpager in the home screen, so we can swipe to get to the next fragment. But apart from this i was required to make those tabs as navigation across all activities.
To explain this please check screens 2 , 3 , 4. On screen 2 i am on homescreen coworking if i click on book i go to screen 4 and if i click on visit i go to screen 3 but as you can see both of these are part of coworking section so the tab is showing coworking as marked.
To implement this i am using multiple fragment and few activities in my apps, hiding the different fragment parts according to different cases.

Describe any libraries you'll be using and share your reasoning for including them.

1. Volley to handle network request.
2. Picasso for caching and loading images.
3. Calligraphy for setting fonts to different layouts' texts.
4. Butterknife for dependency injection.
5. Jackson for JSON parsing
6. Razorpay for online payments.

Describe how you will implement Google Play Services.

I am using admob and Firebase analytics in my app.
Although admob has been added for the purpose of the project and has no need in the app itself.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

There is nothing major with this project build , you only need to enter razorpay test id in manifest along with fabric's api key.

Task 2: Implement UI for Each Activity and Fragment

- Build ui for splash screen
- Build HomePage ui
- Build HomePage Fragments' ui
- Build sub-pages of each of these fragments

Task 3: Your Next Task

- Integration of functionalities to each fragment.
- Adding margins and sizes according to the ui mock up.
- Making custom layouts for multiple selection spinner with disabled slots.
- Making custom layout for toolbar.

Task 4: Your Next Task

- Implementing Payment gateway using Razorpay sdk.
- Implementing Firebase Crash reporting.
- Implementing Firebase Analytics.

Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"