



Hey Servers: Great servers around you, serve for you.

1. Wait Staff Reviews

While there are many ways to rate and review restaurants, these are not focused on evaluating individual servers. Design an experience where diners can submit positive comments and constructive suggestions for the wait staff, and servers can use this feedback to both improve and help to secure new employment. Provide a high-level flow and supporting wireframes.

About Hey Server

It is a design experience exercise that apply for Google Interaction Designer position. The option I choose is Wait Staff Reviews.

Hey Server is a concept mobile experience that help diners to find the best wait staffs nearby, booking the wait staff they like. Giving and sharing diner's comments and suggestions towards the staff after finish this service.

1. Thinking Process

Display the project's design thinking process

2. User Research

Select research method based on time and manpower

3. Define the Problem

Point out the pain point, dig out the fundamental needs

4. Ideation and Brainstorm

Creative way to solve the problem

5. Prototyping

From sketches to the high-fidelity mockups

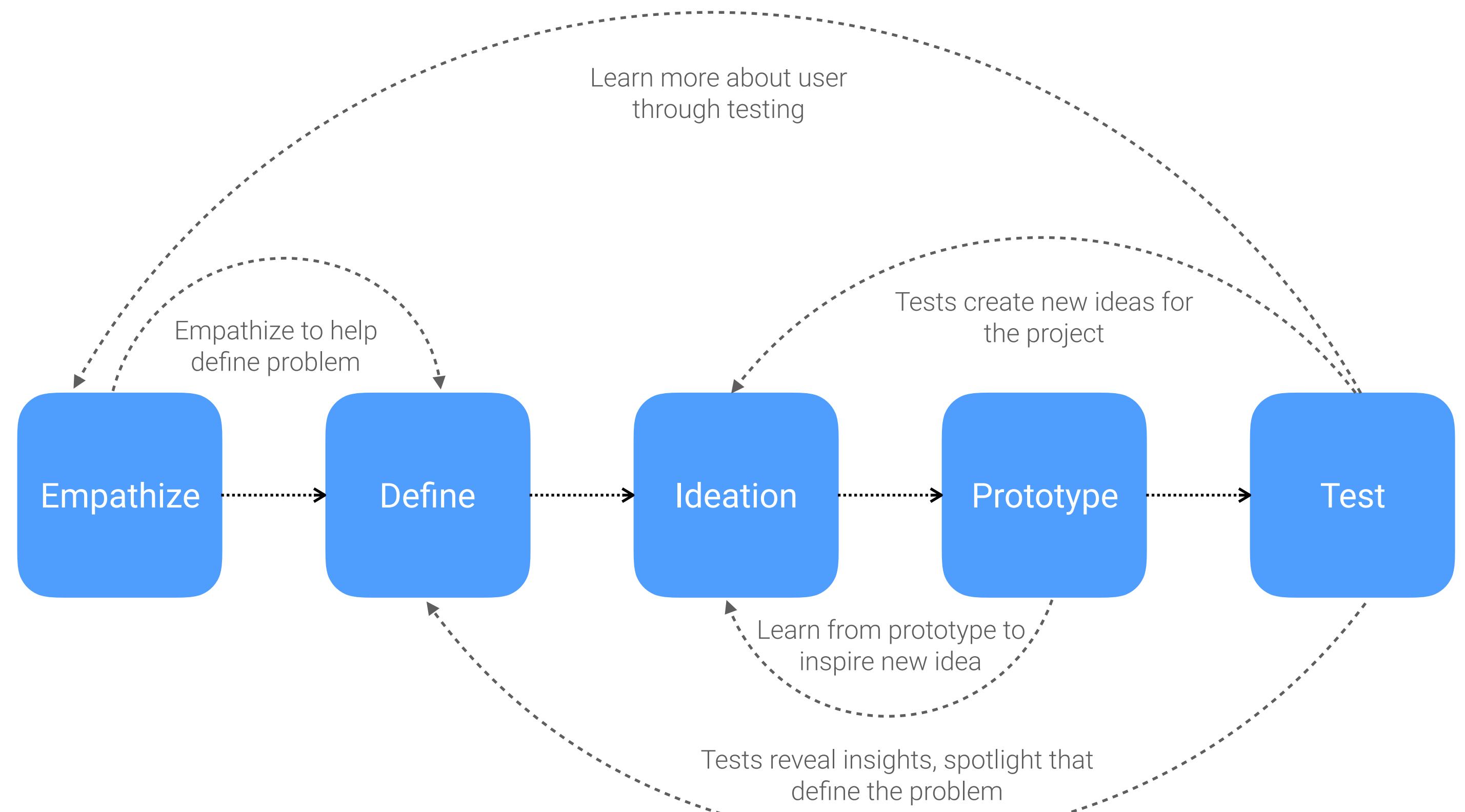
1. Thinking Process

When I got the exercise, I choose the option 1, Wait Staff Review. I renamed it to HeyServer, which denotes it's a daily micro-moment app.

For this purpose, as an UX / Interaction designer, I decide to work it out in design thinking methodology, which I always used in my daily work.

Furthermore, I did analysis on similar function rating apps, draw the mind-map, the different drafts several times and adapt this non-linear process as the guide process to fulfill this exercise.

Design Thinking Process



2.

User Research

User research is the starting point for a project. Research helps us learn about the users and their behavior, goals, motivations, and needs.

Due to the limited time and manpower condition, I'd like to choose the following methods as the initial methods to implement the user research:

- 2.1 Video & Photo Journal
- 2.2 Conducting interview with empathize
- 2.3 Bodystorming & Persona

Zhang, Lei(Alain)

2.1 Video & Photo Journal

The best way to know your user is to live like your user. For this project wait staff review app, in order to know our user and scenario first, we UX designer take videos and photos as the journal in the restaurants when diners are ready to have dinner and when they checked out.



After we go back, we collect all those video and photo journals to summarize the frequently scenario, and write down this step reports.

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2.2 Conducting interview with empathize

As we continue digging the demands from diners and waiters/waitresses, we designed a interview survey questions from the beginner mindset and talk with them to win their respect, then we conduct our interview with empathize.

Surveys Like:

- What kind of service make you feel comfortable?
- Why you'd like to give a thumb up to a server?
- Why you'd like to give a thumb down to a server?
- Will the server's attitude impact your diner experience?
- Would you like to pay tips for the server?
- Why you'd like to visit the the same staff, who serve for you next time?
- How's your emotion when you feel comfortable or not after the dinner?
-

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2.3 Bodystorming & Persona

We UX designer try to live in two kinds of personas from diner and waiter/waitress perspective. To act the bodystorming, which is the act of physically experiencing a situation in order to truly immerse UX designers in the users' environment.

From one side, work in restaurants as the waiter/waitress staff to feel their job in person and serve for the diner. In other side, we take ourselves as the critical diner and moderate diner when we having our dine.

After these two kinds of personas bodystorming, we successfully collect the valuable information we need.



3.1 What user Said, Did, Thought, Felt

- Said (keywords): nice looking, smile face, quick response;
- Did (keywords): impatient, acceptable to the good advice;
- Thought (keywords): needs respectable, advisable response; find the better waiter nearby;
- Felt (keywords): felt sunshine when good service did; felt not good have the bad mood this day; need a place to express their thoughts towards the server.

3.

Define the problem

A great definition of your problem statement will guide UX team's work and kick start the ideation process in the right direction.

3.1 What user Said , Did, Thought, Felt

2.2 Analysis and Synthesis

2.3 Define a problem statement and point out the pain point, dig out the fundamental demands

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3.2 Analysis and Synthesis

From the information collected, we analysis the age span of the potential client is around 23 - 45 years old. Male occupied 51% while female occupied 49%;

We figured out the following statistic:

- **70%** clients are concerning about the waiter/waitress's service attitude;
- **60%** clients are concerning about the server's professional guide to the dine;
- **93%** clients felt nice service will bring nice mood;
- **90%** clients want to thanks or comments to the servers;
- **89%** clients want the constructive advice when they make order;
- **85%** clients want to know the better server ranks around or nearby him;

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2.3 Define a problem statement and point out the pain point, dig out the fundamental demands

3.3 Define a problem statement and point out the pain point while dig out the fundamental demands

The real demands comes from the daily life. We UX designer empathized the user and did user research, we draw the following statements and the outputs.

Problem statement: People who wants to have a great dinner experience tends to know where can I find the better server and get the constructive advice from the staff, smiling service. After the service, people needs a place to express their thoughts toward this server.

According to the pain points, we interpret the result that the **fundament demands** is to find the suitable server nearby, and give thoughts or comments after finished their service. We set this fundament demands as our first and base iteration version to create a easy to use, nice usability products.

For the further thinking, the product should has two sides, one is diner side, the another is wait staff side, for the limited time and exercise purpose, this exercise only handle the needs from the diner side. Please kindly noted.

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4.

Ideation and brainstorm

Ideation and brainstorm is an exciting process. The goal is to generate a large number of ideas that potentially inspire newer, better ideas – that the UX designer can then cut down into the best, most practical and innovative ones.

4.1 “How Might We” questions

4.2 Six Thinking Hats

4.3 Brainstorming

4.1 “How Might We” questions

- How might we make user quickly find the better servers around him?
- How might we enable user can see the valuable information about the server?
- How might we make each dinner experience enjoyable?



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4.2 Six Thinking Hats

- **Managing Blue** - What is the goal? From big picture;
 - Help user find the good server and post comments;
 - Listen to the constructive suggestion from good server;
- **Information White** - What information is available?
 - LBS, location based service;
 - Servers are willing to stand in the top of the ranks;
- **Emotions Red** - Reactions or emotional feeling;
 - People feel bad and frustrated when they met the bad service;
 - People feel great when they met the great service;
 - People tend to post their comments to show their emotion;
- **Discernment Black** - Realistic, conservative suggestion;
 - Server didn't have enough time to accept booking;
- **Optimistic response Yellow** - See the brighter, sunny side of situations;
 - Server are encourage to ask client rating their service;
 - Server are very care about their ranking;
 - Employer can have a great way to know server's reputation;
- **Creativity Green** - Thinks creatively, outside the box;
 - Use LBS function to find the nearby star server or staff;
 - Display the booking cycle to show the popularity of the server;
 - The fall back server have the channel to improve their service and know the feedback;

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4.3 Brainstorming



5. Prototyping

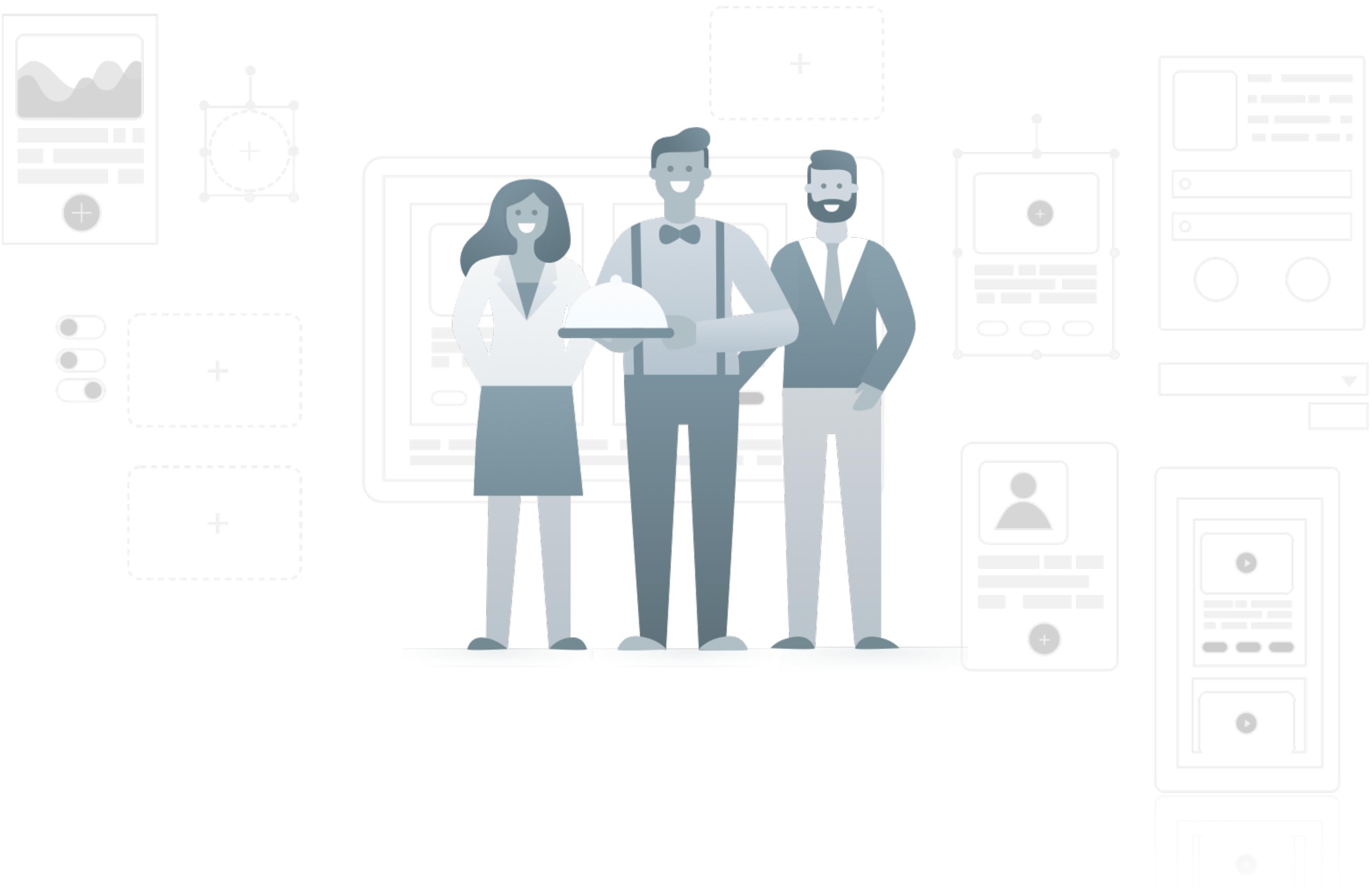
Prototypes are supposed to be quick and easy tests of design solutions.

In Low-fidelity method, I choose the paper prototype to quickly draw my ideas and workflows in the grid paper. Due to the A4 page limited, I split the whole flow into 5 pages, each page has the unique page number, and each interface has it's number title, all of them are connected by the arrow line and interaction workflow.

In High-fidelity method, I defined the design style. Make it look and operate closer to the finished product later.

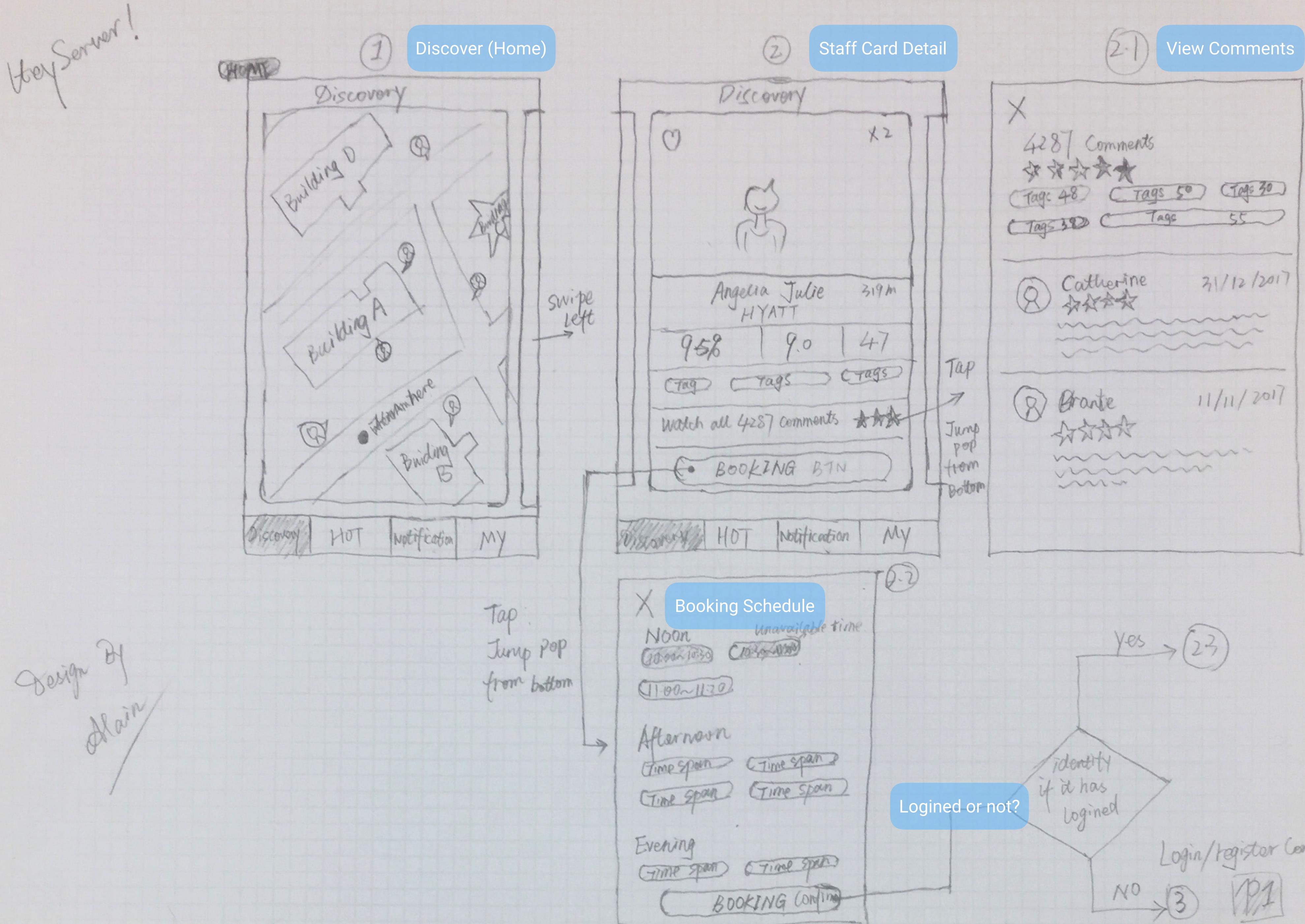
- 5.1 Low-fidelity (Paper Sketches, Wireframes)
- 5.2 High-fidelity Mockups

Zhang, Lei(Alain)



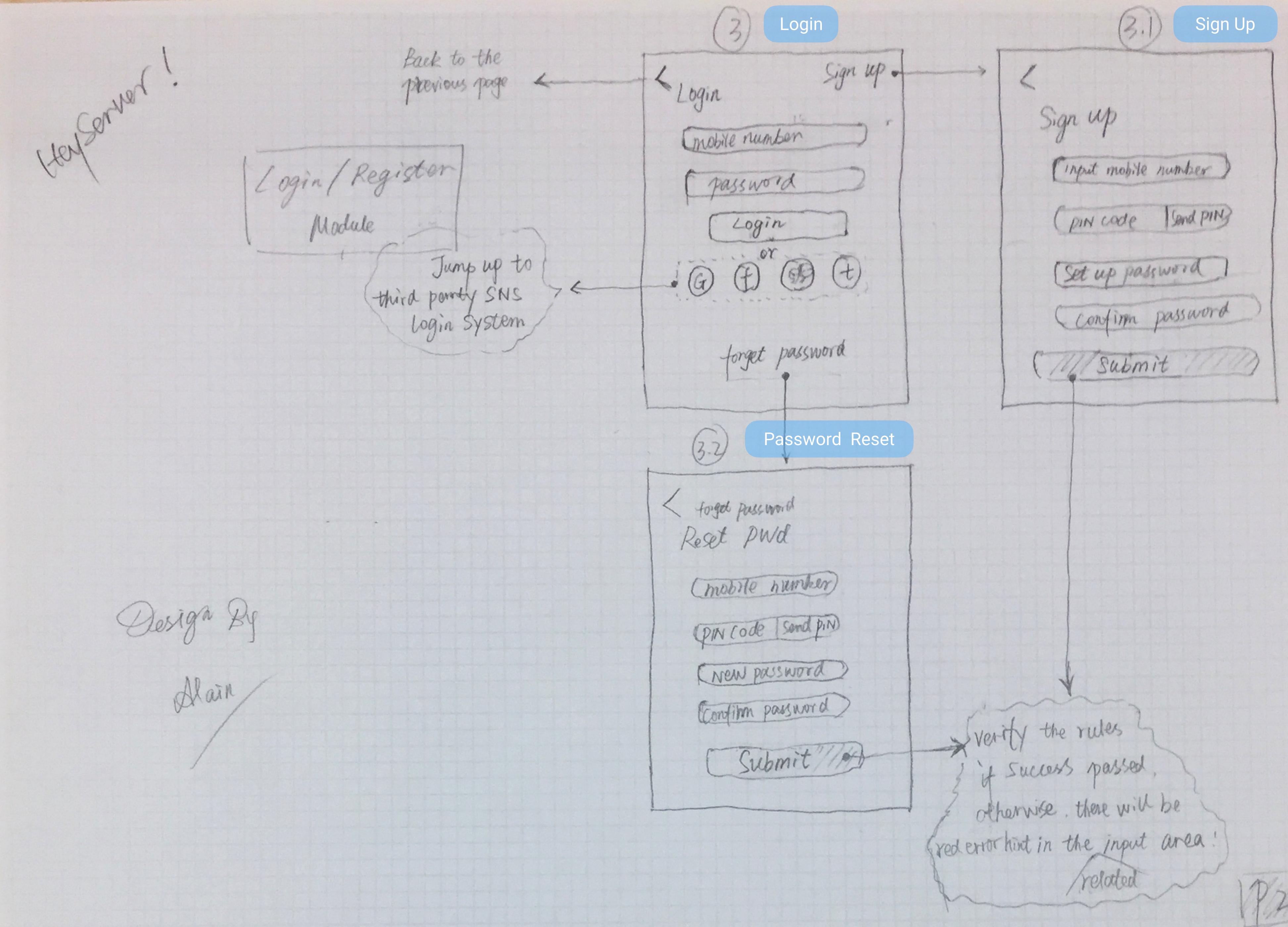
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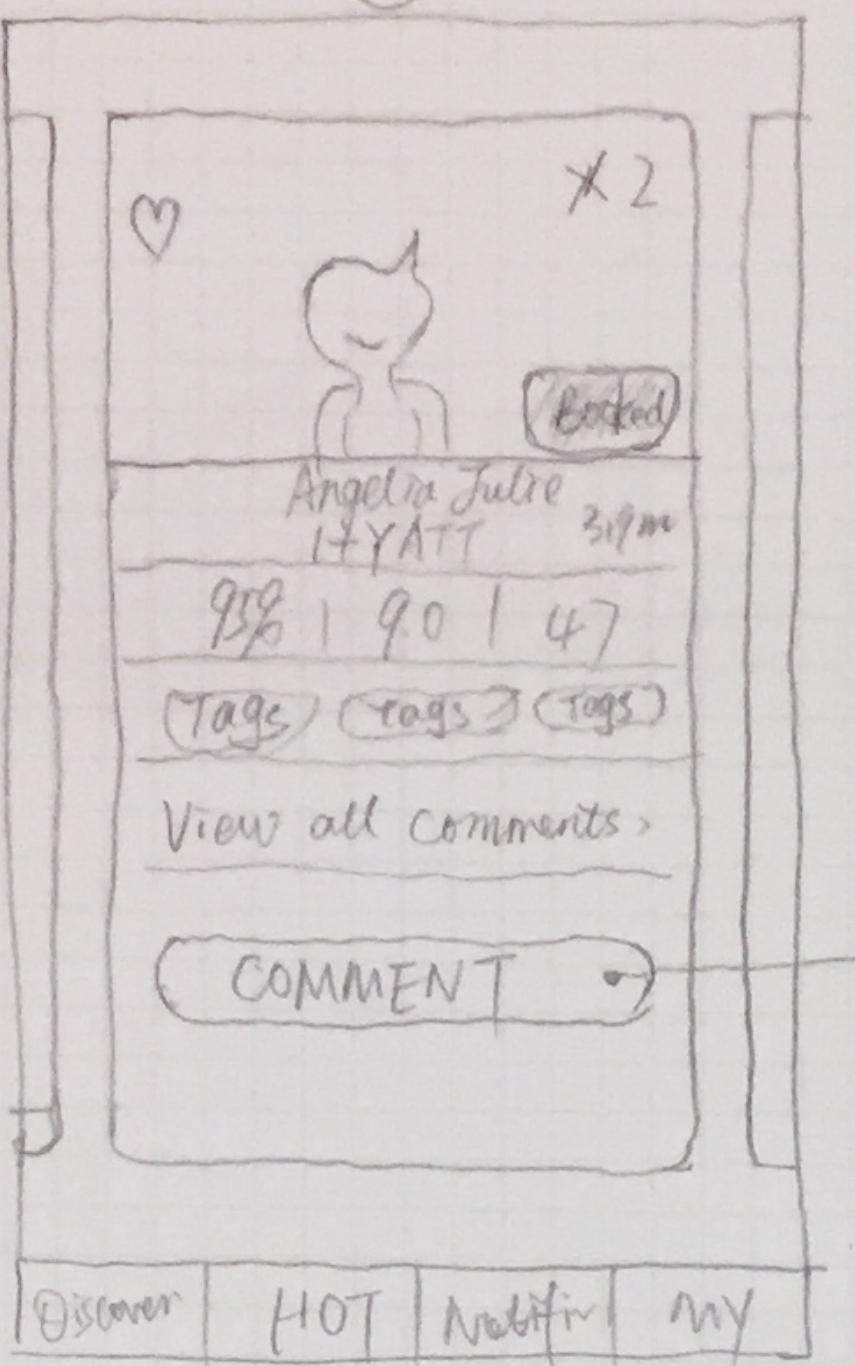
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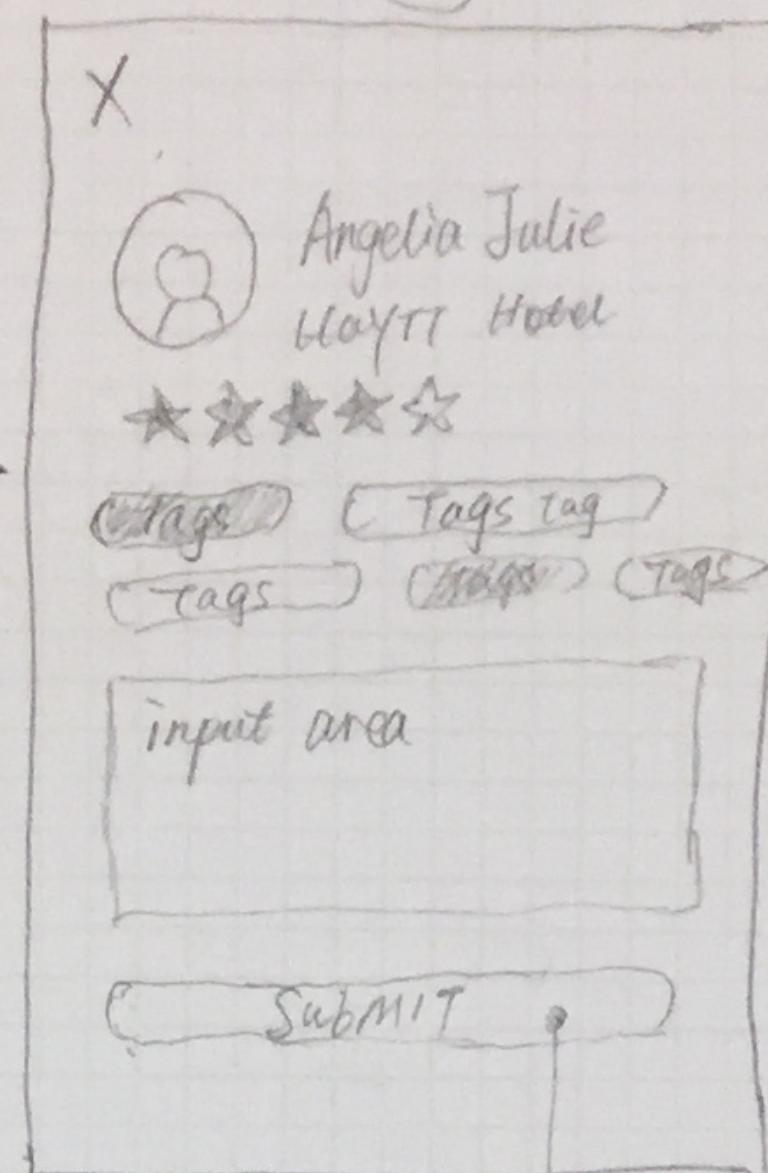
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Staff Card Detail - Status 2 - COMMENT button



Post comment



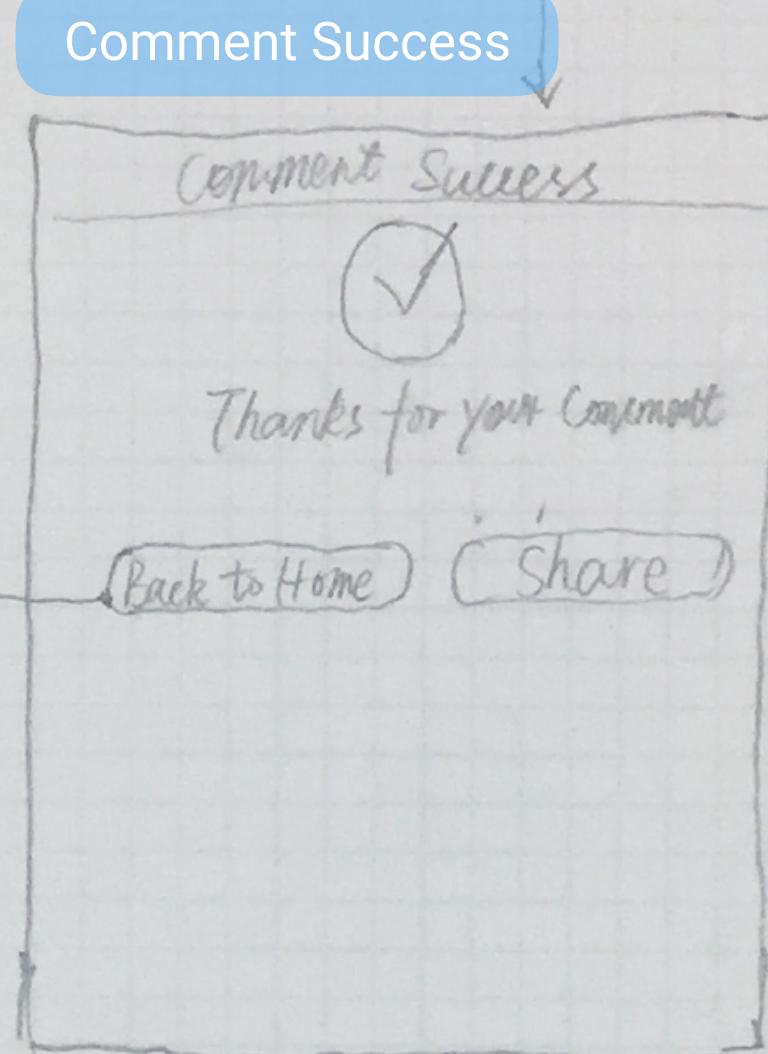
post comments
Module

Design by
Alain

if comment button is available
2.4 will pop up from bottom

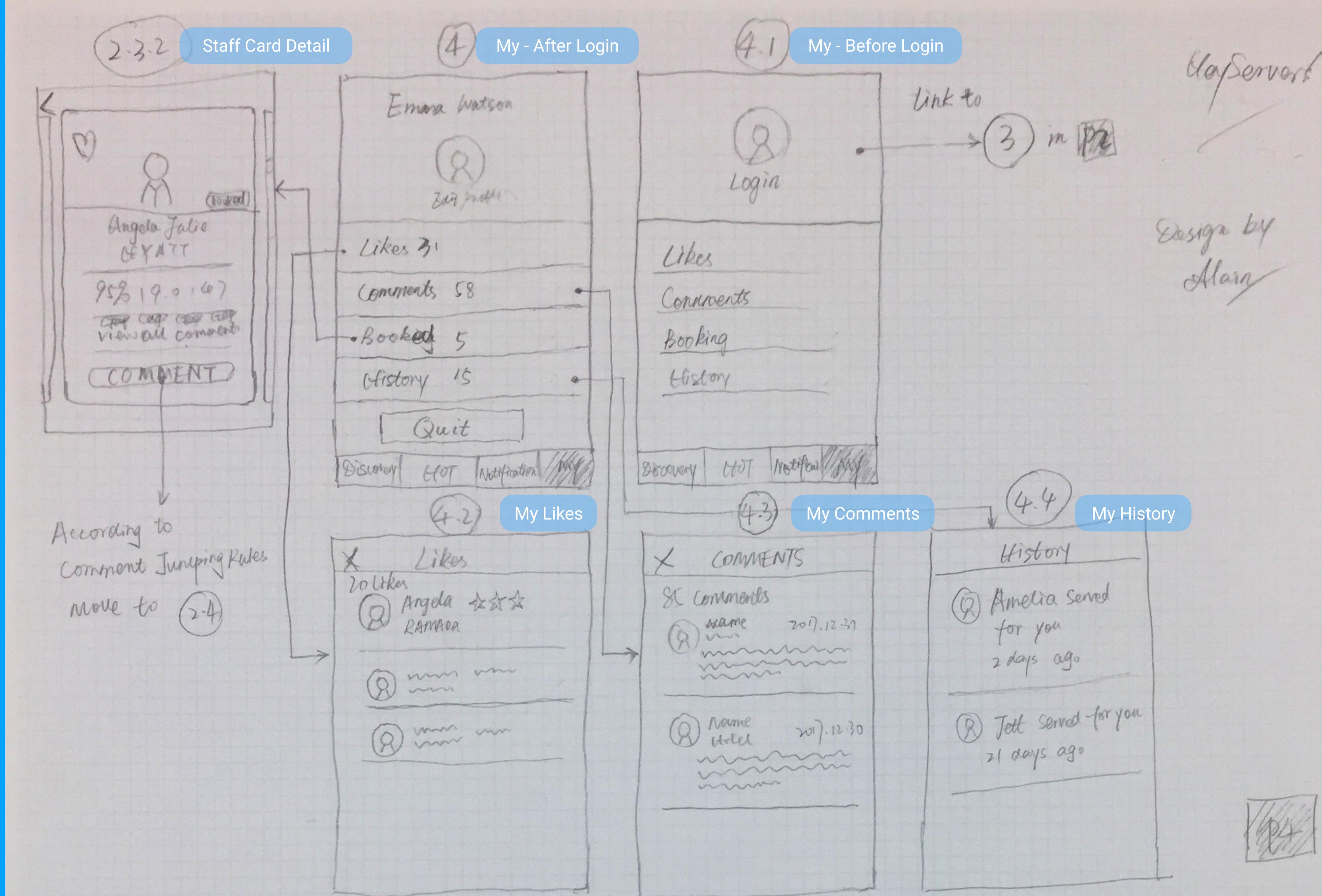
if Business side
Click finish in his
terminal, then the
"Comment" button is available,
otherwise, it's in grey, can't tap.

Comment Jumping Rules



5. Prototyping

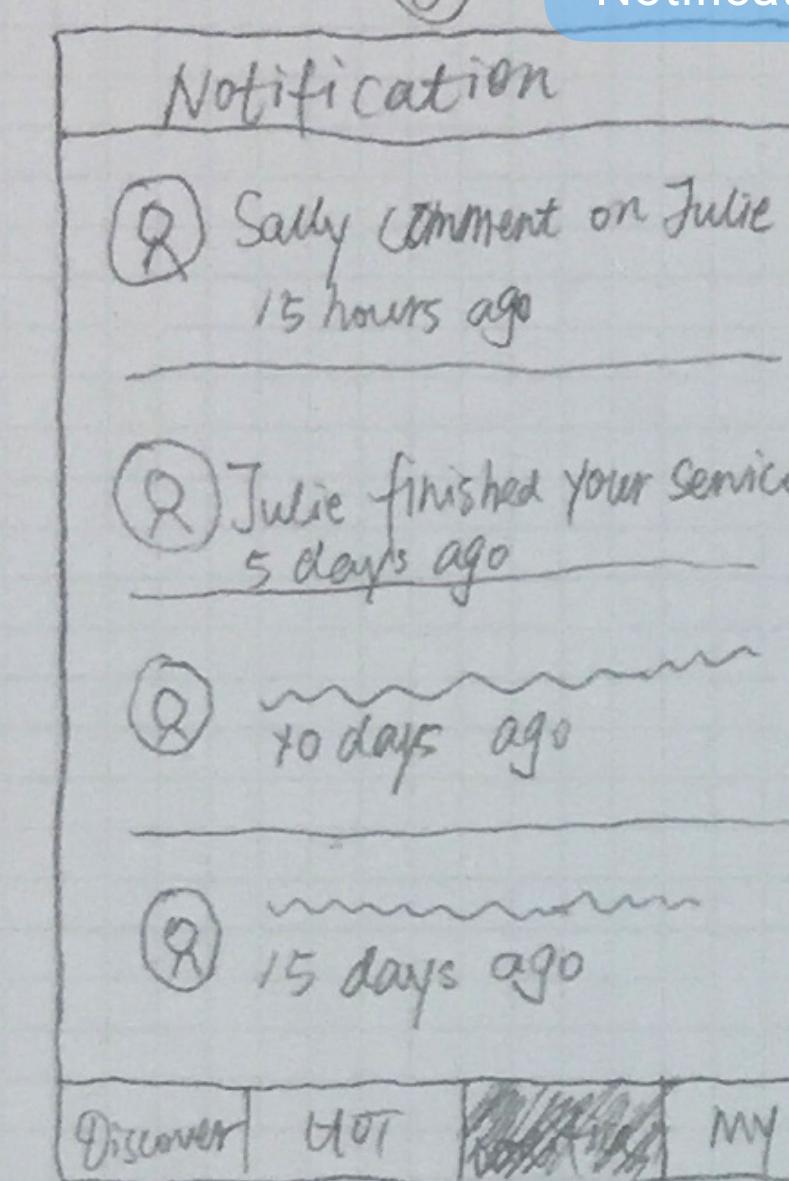
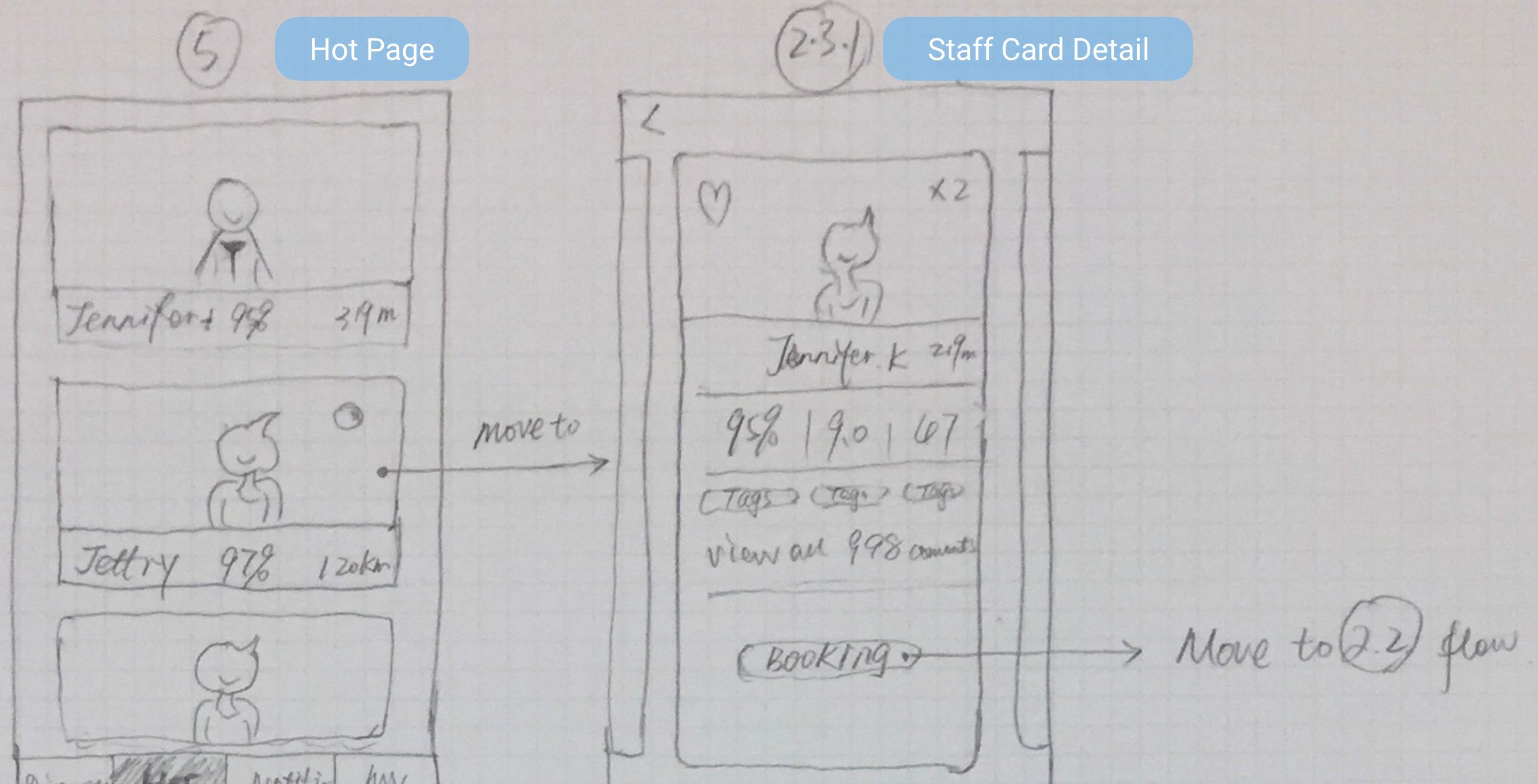
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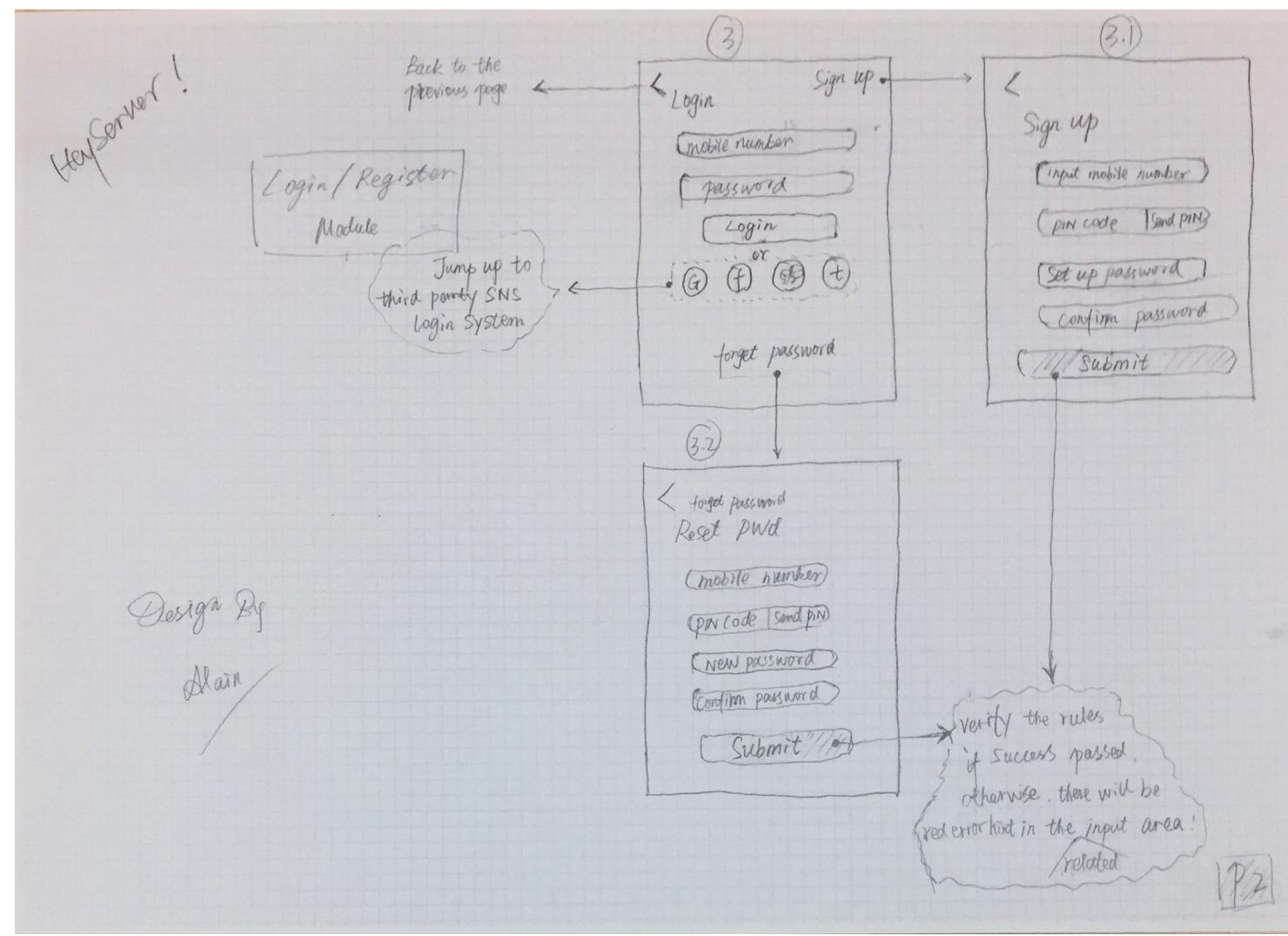
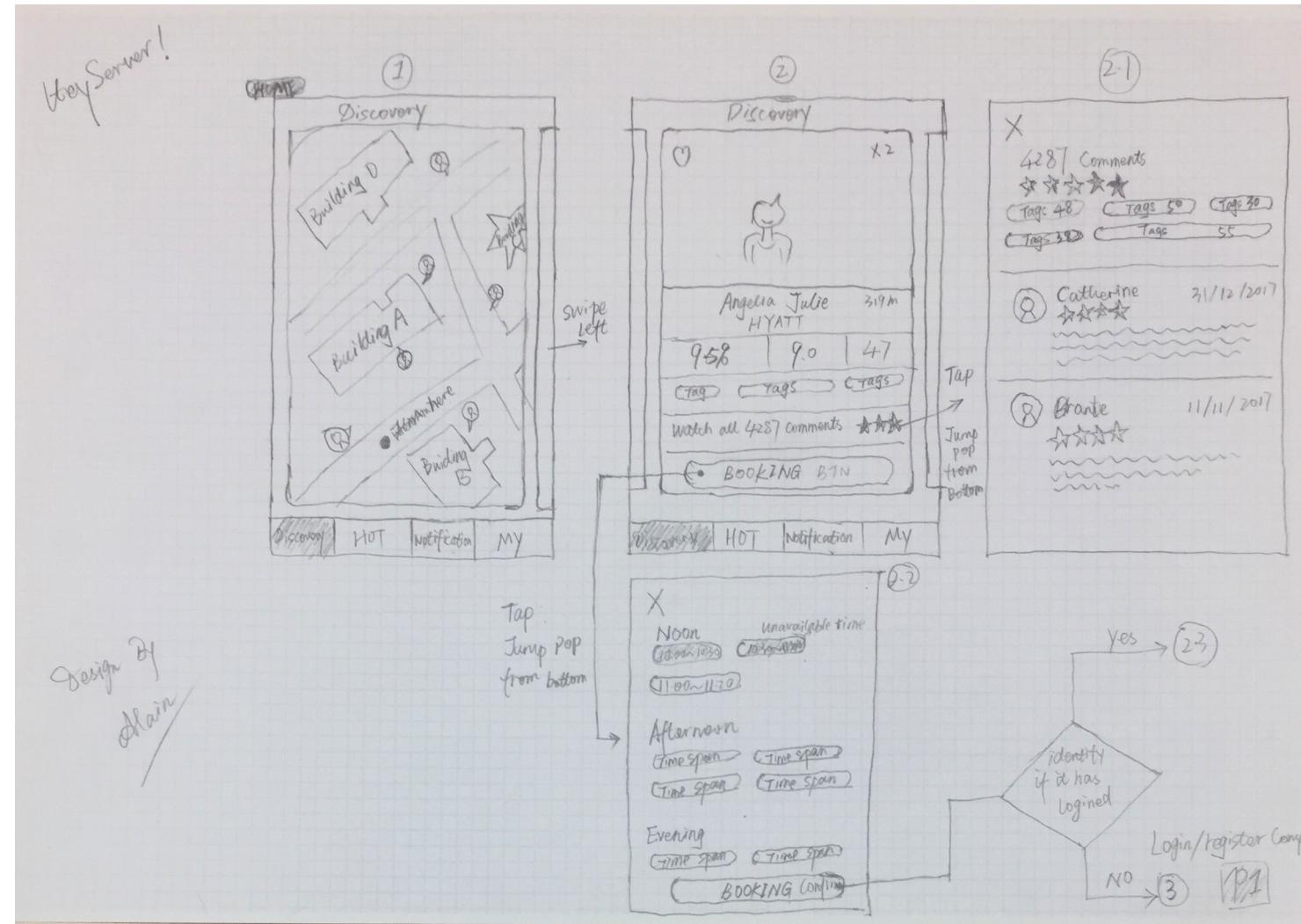
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Hey Server
✓
Design by
Alain



5.1 Low-fidelity (Paper Sketches, Wireframe)



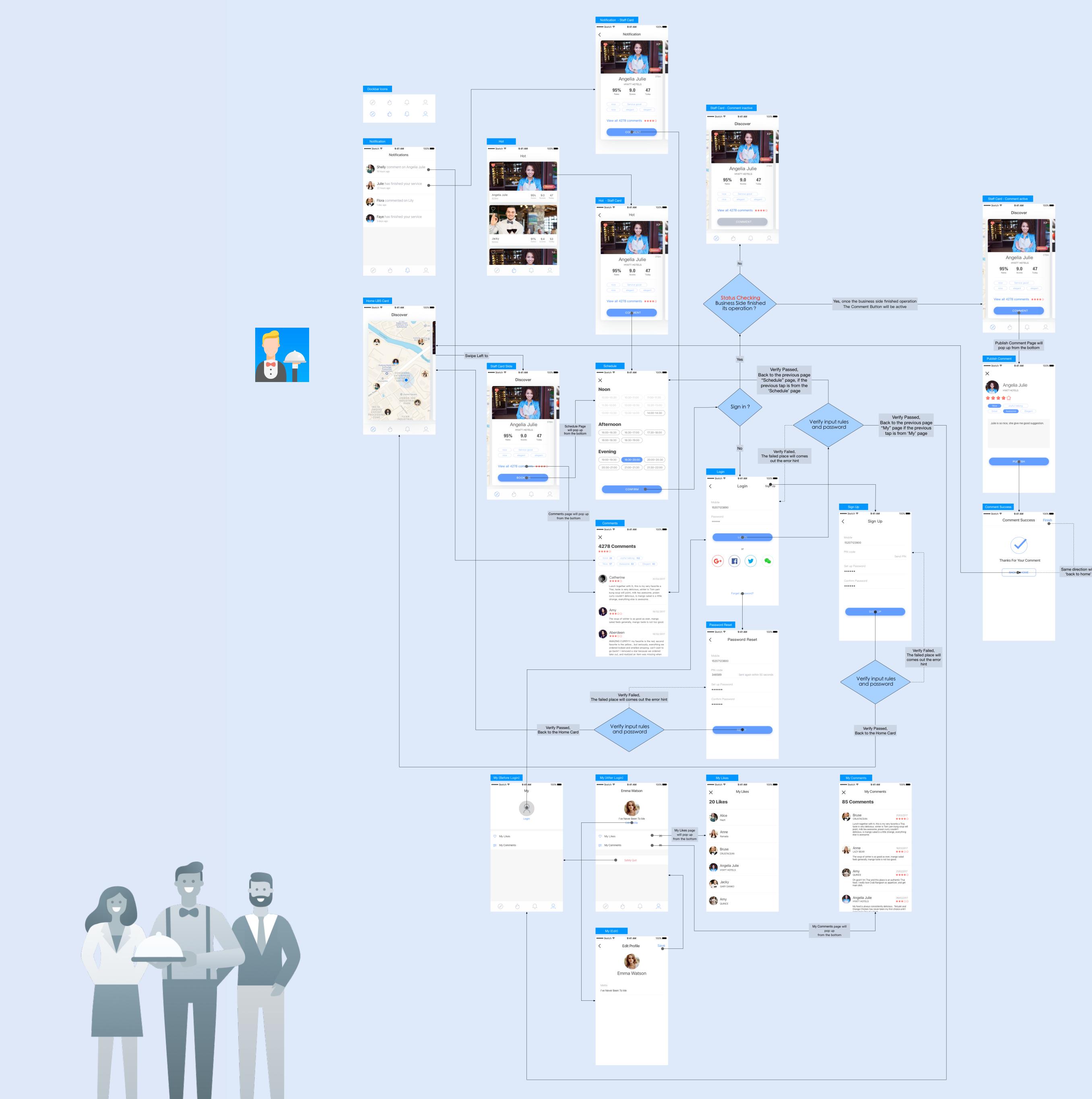
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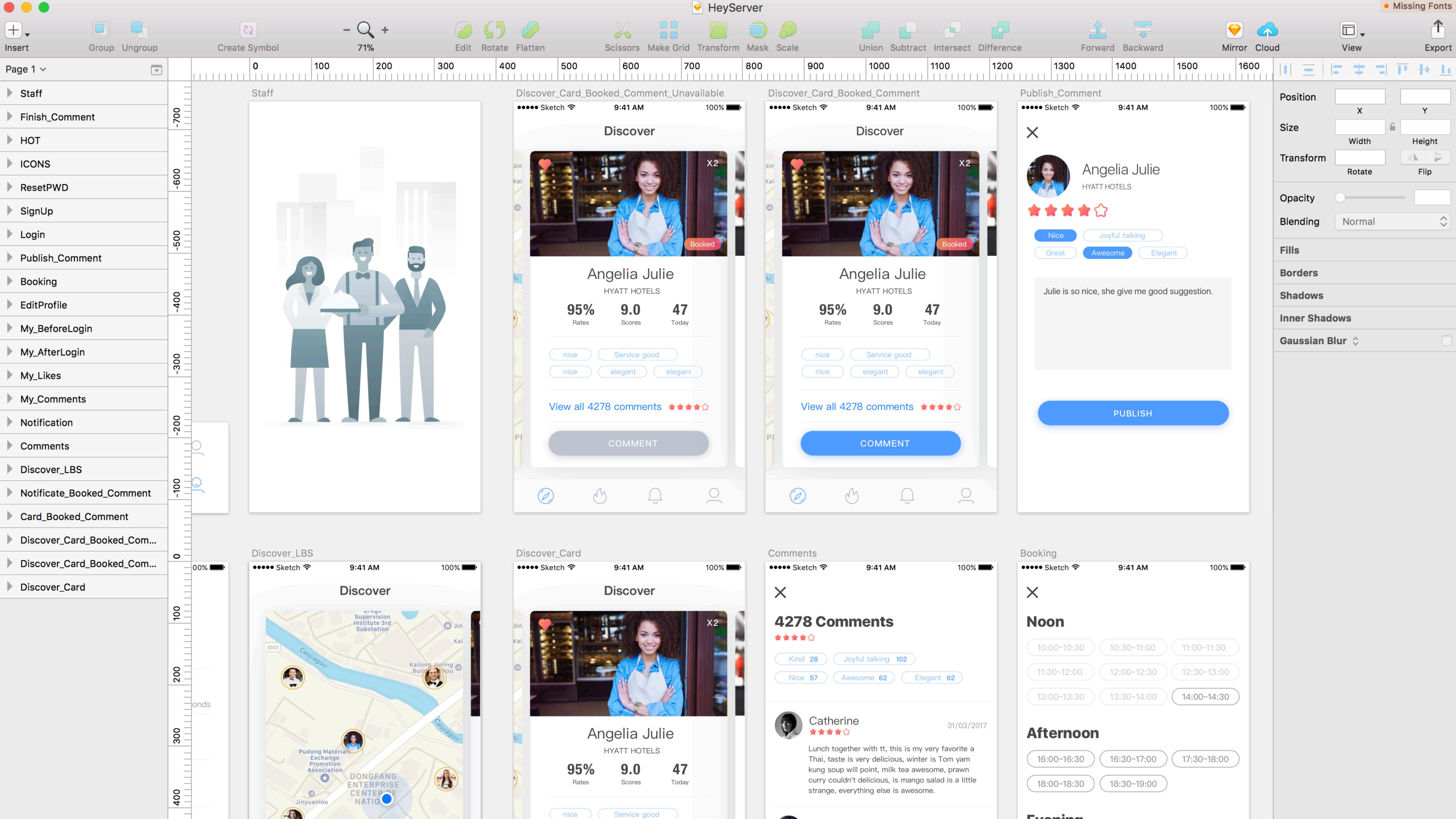
In High-fidelity method, user can testing involving high-fi prototypes will allow the evaluators to gather information with a high level of validity and applicability. The closer the prototype is to the finished product, the more confidence the design team will have in how people will respond to, interact with and perceive the design.

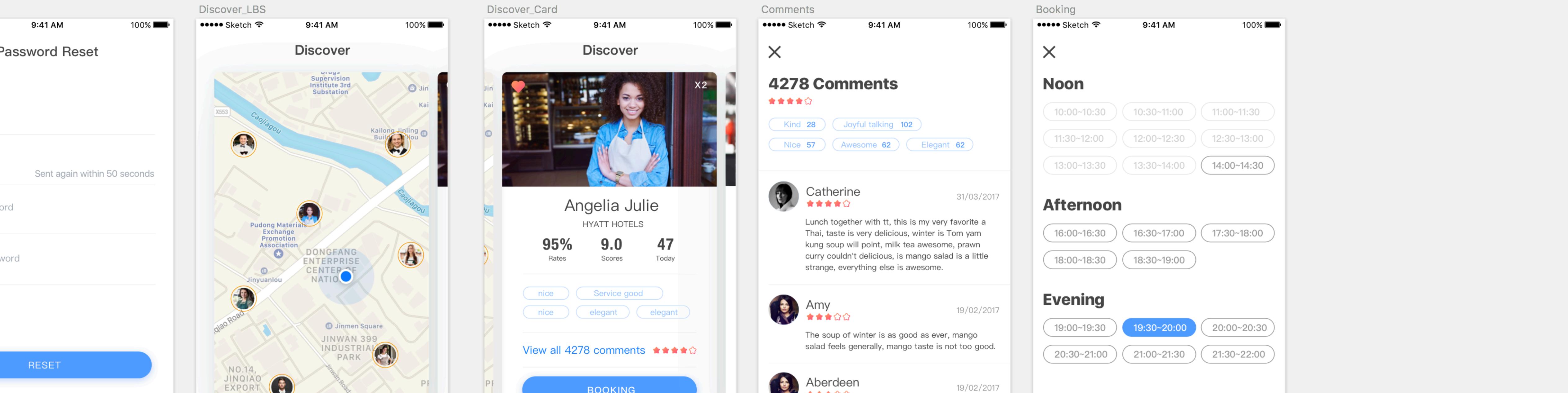
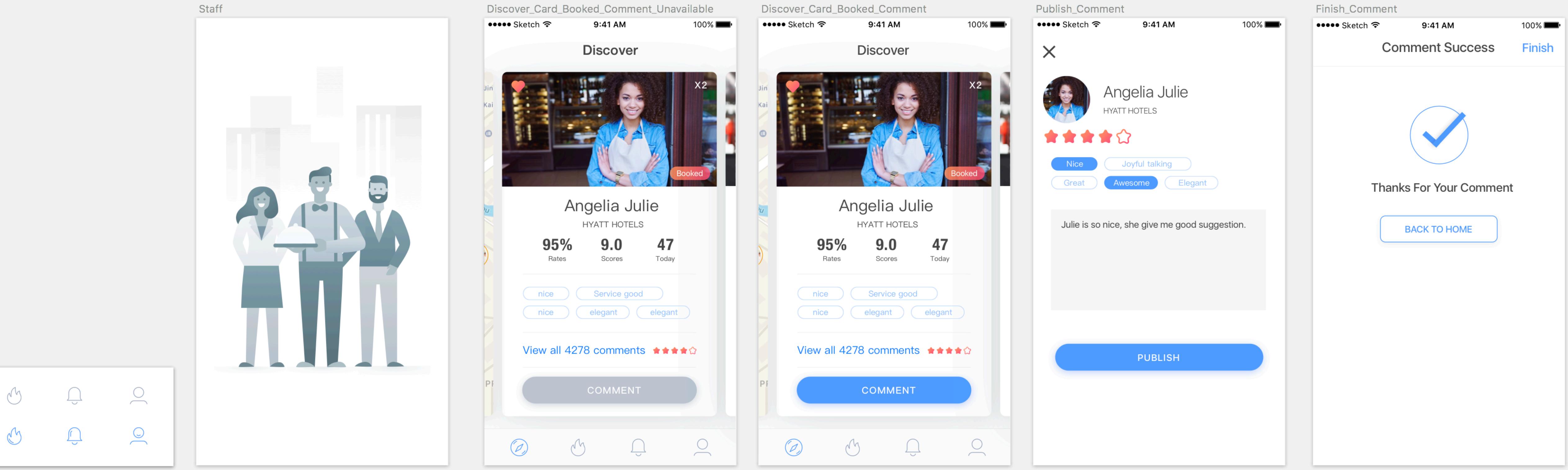
In this particular project, it should have two sides after UX research. One is diner, the another is wait staff. For the time limited and exercise purpose, I only create the high-fidelity from diner side.

To see the detail view, please zoom in.

Zhang, Lei(Alain)







My_BeforeLogin

My_AfterLogin

EditProfile

My_Comments

My_Likes

Notification

HOT

Card_Booked_Comment

Notificate_Booked_Comment

* This exercise document is used for applying Interaction Designer in Google Shanghai only.



Thanks

Alain has served as a highly self-motivated Senior UX Design Expert and product design leadership roles in Global Fortune 500 corporations, Wanda Financial Group, Tencent, and State Street for 10 years. He is passionate and committed to delivering top level user experience to the product that make user feel reliable and elegance.

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