

Human Computer Interaction Final Project

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Human Computer Interaction

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1. Background

1.1 Problem

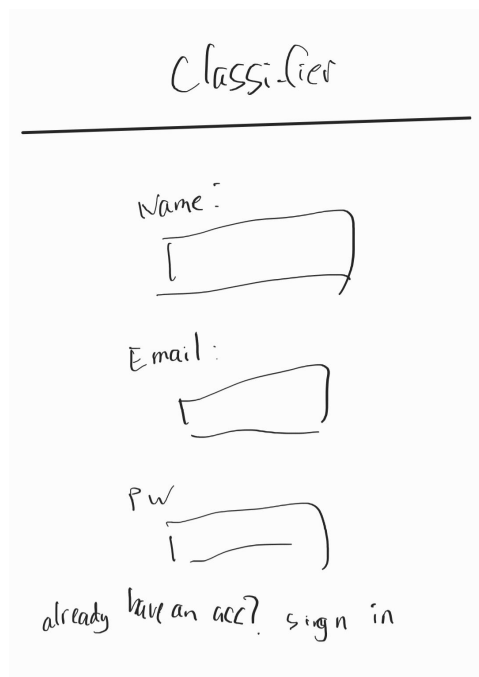
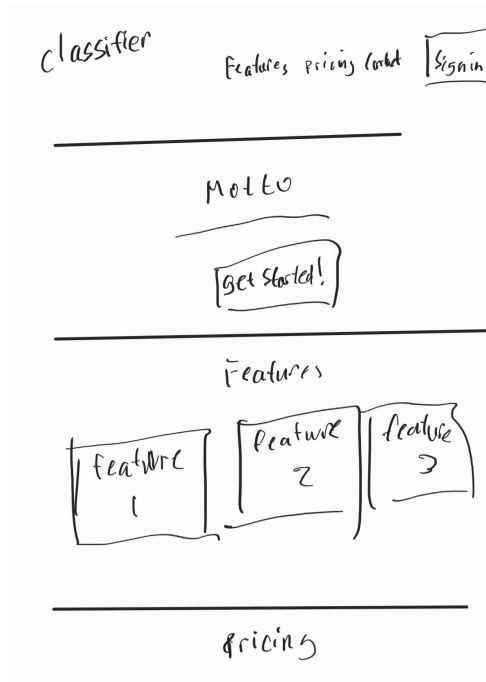
Everyday life can be tough, everyone has their own goal and job. Not only that, with the rapid development of technology, the needs in our daily life also increases. With this, the demand for specific item also grows. Every single person will have tons of items laying around. This causes trouble towards themselves on a daily basis. Unfortunately, with how busy everyone is, time for organization is limited. Creating a living condition that is overshadowed by the disorganization of the person's item. This issue can happen to the best of us, especially those that have issue with time management and are also very busy.

1.2 Objective

By looking at the problems everyone is facing, we decided to make a technology that would make everyday life easier. We are developing our app in order to help people who are having trouble in their daily life, struggling to remember where they keep their belongings. Our goal is to eventually be able to help everyone with this problem. In order to achieve our goal, we have an idea that will be perfectly functional and effective. Our image for the app is to be simple yet efficient, so the users are able to understand what the app is all about and be able to implement this app into their daily life. While having an idea of the app, we need to have a target audience. We mainly look for someone that has a lot on their plate, a group of workers that have issue keeping track where their belongings are. Also for business that rely on lending an item to the customer, such as libraries to easily keep track of their books borrowed by their customers. Of course, we are open to anyone who wants to use our application other than our main target audience.

2. Design

2.1 Storyboard and User Persona



Name: Grace

Grace, 19 is an undergraduate who lives with her friend in a dorm house. Very busy with college and part-time job.

Needs

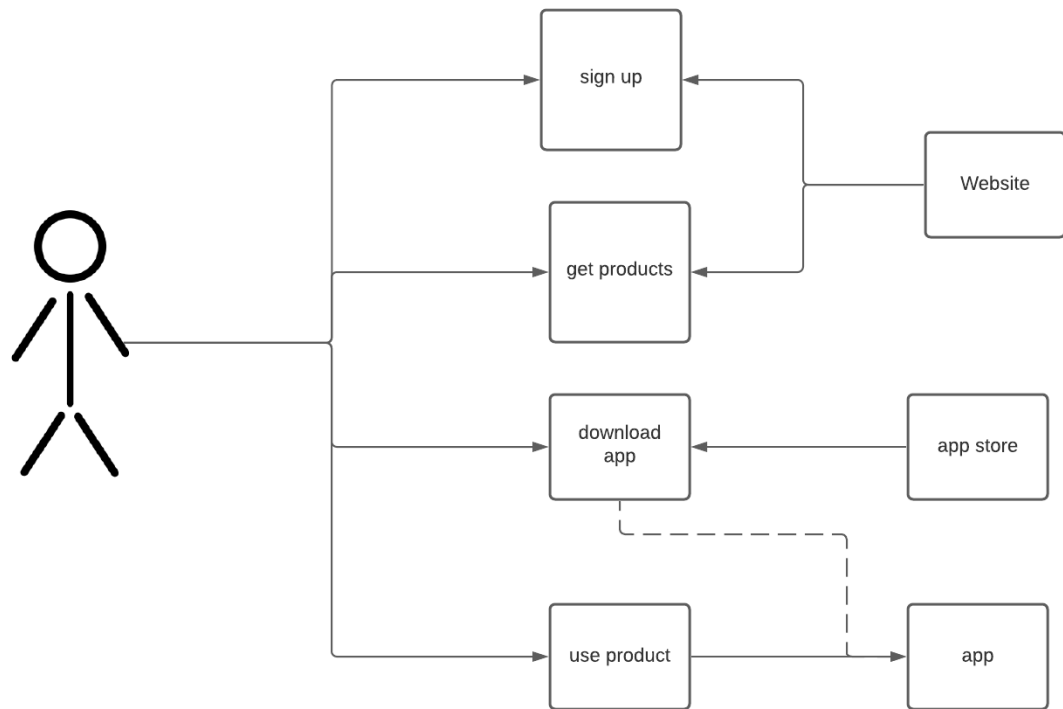
*Have a good living space
Organized items (books and tools)*

Frustration

*Lost her stuff a lot, especially get mixed up with her roommate.
Not being able to find her belongings, sometimes it get lost on library and her workspace.*



2.2 UML Diagram



3. Test Case

Test ID	Test Case Description	Test Data	Test Step	Expected Result	Actual Result	Status (Pass/Fail)
1	Enter a valid username and password	Username: "testing" Password: "12345678"	1. Enter Username 2. Enter Password	Login successful	Login successful	pass
2	Enter an invalid username and password	Username: "test" Password: "password"	1. Enter Username 2. Enter Password	Invalid username/password	Invalid username/password	pass
3	Enter a valid username and an invalid password	Username: "testing" Password: "password"	1. Enter Username 2. Enter Password	Invalid username/password	Invalid username/password	pass
4	Enter an invalid username and a valid password	Username: "test" Password: "12345678"	1. Enter Username 2. Enter Password	Invalid username/password	Invalid username/password	pass
5	Seeing Prices	-	1. Click on Pricing	Bring the current page to pricing section	Page was redirected	pass

4. Video

https://drive.google.com/file/d/198lo8316je_tFpJVrY-J7uB9LeUF7Xkc/view?usp=sharing

5. Job Split

- Alfin:
 - Login.html
 - Login.css
 - Login.js
 - Video
- Pandya:
 - Contacts.html
 - Contacts.css
 - Index.html
 - Item1.html
 - Item1.css
 - Item2.html
 - Item2.css
 - Item3.html
 - Item3.css
 - Item4.html
 - Item4.css
 - Style.css
 - UML Diagram
 - User Persona
- Both:
 - Background
 - Test Case

6. References

Images:

<https://perfectbeauty.id/beautytalk/makeup-anak-kuliah-anapa-saja-produk-yang-perlu-dibeli/asian-college-student/>

<http://www.stickpng.com/cat/people/stick-figures?page=1>

<https://cdn.aarp.net/content/dam/aarp/home-and-family/personal-technology/2020/02/1140-phone-app-hand.jpg>

<https://i.pinimg.com/originals/5c/ec/85/5cec85ff2811c5c1bb559661b90a7e08.jpg>

<https://img.gadgethacks.com/img/81/85/63707831016388/0/set-reminders-alert-you-particular-day-time-ios-13.1280x600.jpg>

https://fiverr-res.cloudinary.com/images/q_auto,f_auto/gigs/127175898/original/59140e831a0eb960fc0c96074db5d2babb5da622/create-all-kinds-of-barcode.jpg