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ME-Wombat Home

Project Summary

"My Medical Secretary" (MMS) is a mobile application designed for iOS, android and tablet users. It is being designed for patients who have been diagnosed with a serious illness, such as cancer, and help them organise and understand all of the information and appointments surrounding their diagnosis, which, in return, reduce patient confusion and queries. "

Team Details

Client

- **Name:** Susan Pickering
- **Email:** susan@mymedicalsecretary.com.au

Supervisor

- **Name:** Sable Wang-Wills
- **Email:** sable.w@unimelb.edu.au

Development Team

Product Owner

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 - **Email:** svondoussa@student.unimelb.edu.au
 - Student ID: 1064884

Important Links

Jira Task Tracking

 [ME-Wombat](#)

Github Repository



<https://github.com/COMP90082-2024-SM1/ME-Wombat>

Connect your Github account to collaborate on work across Atlassian products. [Learn more about Smart Links.](#)



[Connect to Github](#)

Team Page

Members

Team Member	Project Role	StudentID	Email
Aadesh Samdaria	Product Manager	1363757	asamdaria@student.unimelb.edu.au
Andre Soetrisno	Scrum Master	1185848	asoetrisno@student.unimelb.edu.au
Sophie von Doussa	Lead Frontend Developer	1064884	svondoussa@student.unimelb.edu.au
Jonathan Latti	Lead Backend Developer	1083374	jlatti@student.unimelb.edu.au
Shaolong Xu	Backend Developer	1067946	shaolongx@student.unimelb.edu.au
Yuan Cao	Frontend Developer	1067709	yuacao2@student.unimelb.edu.au

Project Details

Background

The healthcare industry in the modern age is becoming increasingly digitised, aiming to ease the patient experience throughout the process of appointments and check-ups. Despite this aim, many clinics and hospital still rely on traditional methods of appointment scheduling, leading to inefficiencies and tediousness. This problem is especially apparent in patients suffering severe illnesses, such as cancer, where they may have an impaired mental state, leading to added confusion in handling paperwork.

Motivation

Recognising this, "My Medical Secretary" app was developed. The app was designed to help cancer patients with organising and informing them of all their appointment in one centralised, easy-to-navigate system. However, the app has become outdated in a number of areas, and more importantly, has been removed from the app stores as a result. This project is motivated by the need to recreate and improve the original "My Medical Secretary" app with more recent technical standards in mind, as well as improve and simplify the user experience.

Challenges

The key problems being solved by the My Medical Secretary app:

1. Hard to Track: Patients find it difficult to hold onto and manage large amounts of physical paperwork, especially when they are in an impaired state of mind.
2. Patient Experience: Patients are overloaded with information at a time when they are experiencing fear and confusion, leading to an increasingly stressful situation.

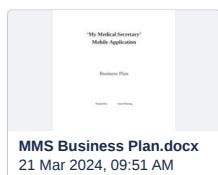
Client Goals

1. The app should be rebuilt, and made available for download from the app stores
2. The user interface for the app should be improved based on the previous version, with more attention given to the design and appearance for simplicity and ease-of-use
3. A secure web app should be built which allows for medical staff to create and manage patient accounts, information, and appointments.

Existing Documentation

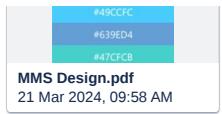
This section documents a number of items of documentation from the previous version of the My Medical Secretary app, especially as they are relevant to this second version. Note that many components of this may be outdated, such as the use of Genie (It is likely that the new version will be a stand-alone product which does not integrate with Genie solutions)

Business Plan



Design file





Prototypes

MedicalSecretary_recovered

Created with Axure RP

Axure Cloud

A screenshot of a smartphone displaying a mobile application interface. The title bar says "My Medical Secretary". It features two input fields: "Email..." and "Password...". Below these is a blue "LOGIN" button. At the bottom of the screen, there is some small, partially visible text.

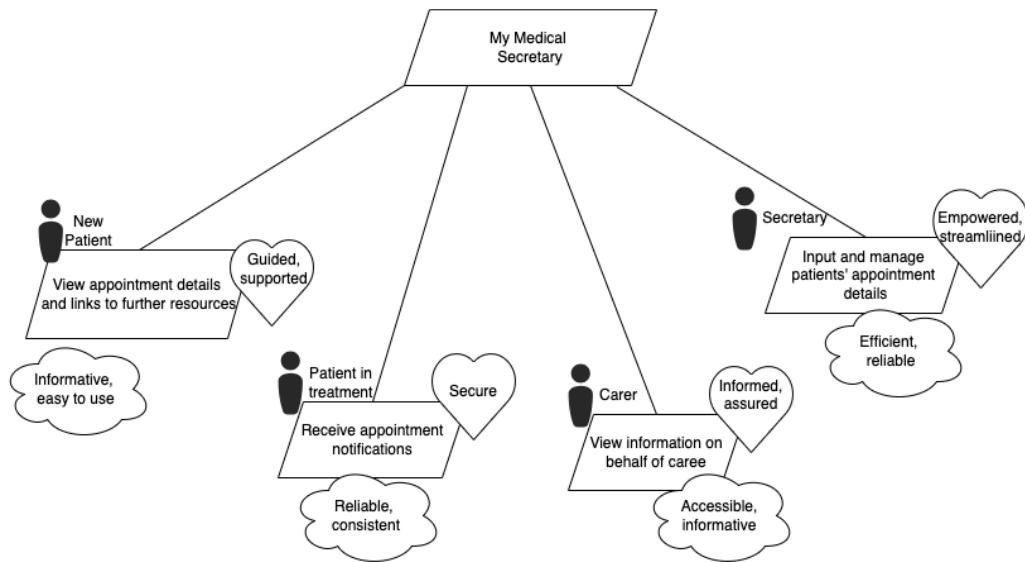
DO-BE-FEEL

- **DO:** what your system can do? (Functional goals)
- **BE:** how your system should behave? (Non-functional goals)
- **FEEL:** how users should feel when using the system? (Emotional goals)

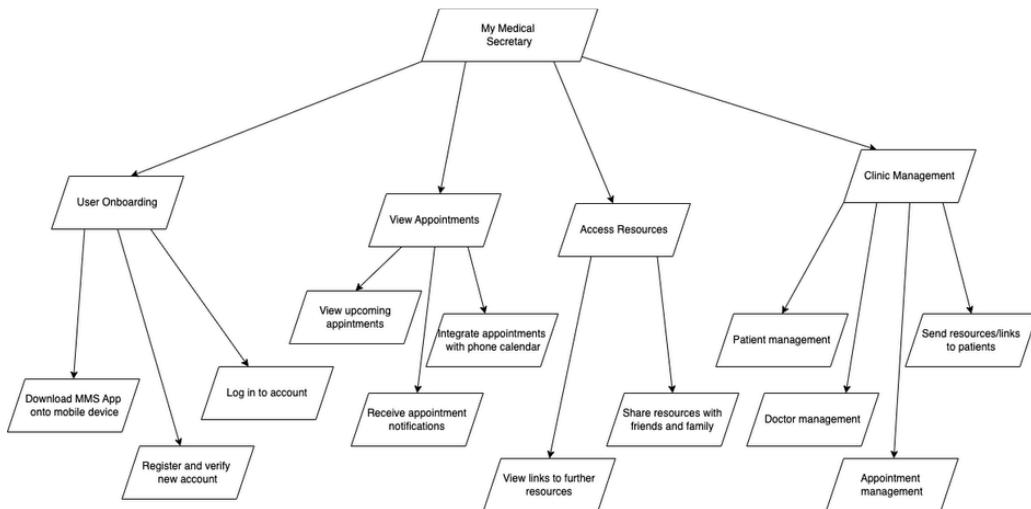
Role	Functional Goal	Quality Goal	Emotional Goal
New Patient	View appointment details and links to further resources	Informative, easy to use and navigate	Guided and supported
Patient in Treatment	Receive reminder notifications for upcoming appointments	Reliable, consistent	Secure
Carer	View appointment information for patients without intruding on their privacy	Accessible, intuitive	Informed and assured
Secretary	Input and manage patients' appointment details	Efficient, reliable	Empowered and streamlined

Goal Model

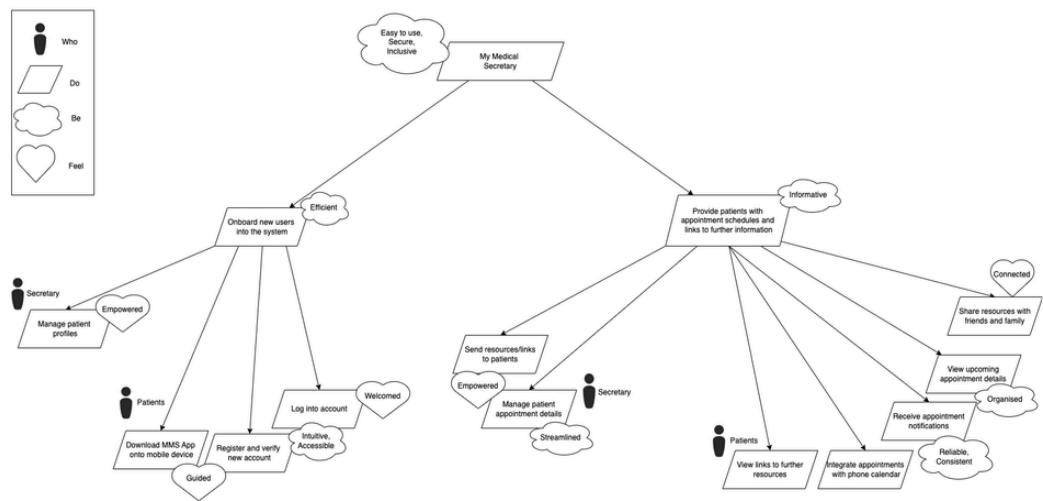
Goal Model V1



Goal Model V2



Goal Model V3





List of Personas

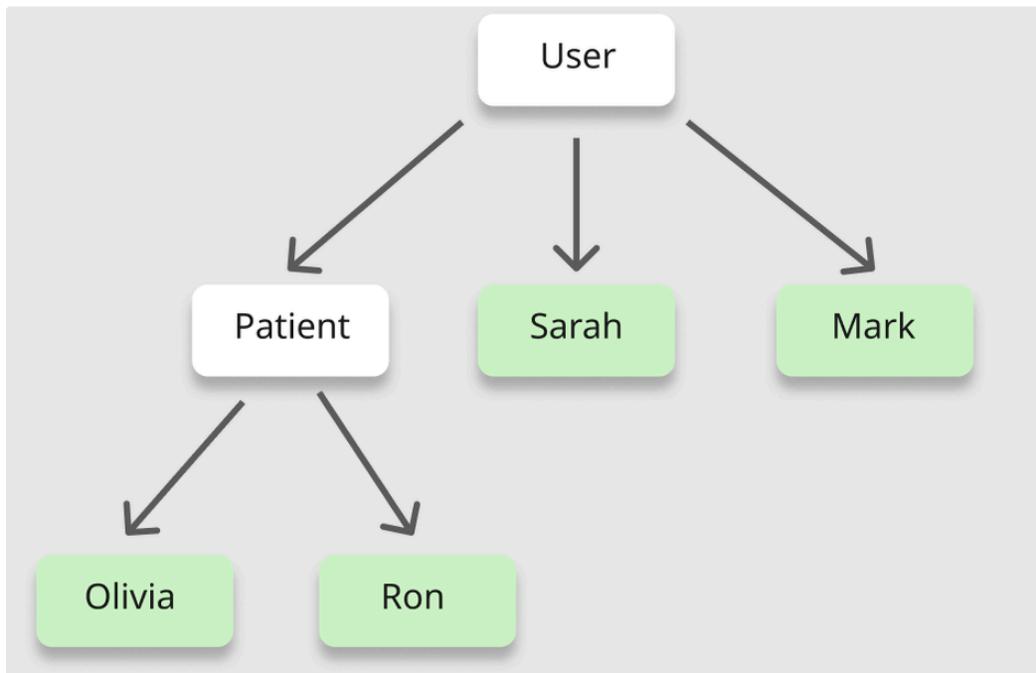
Overview

There are four personas we have created, which can be seen in the sub-pages:

- **Olivia:** A young patient who has very recently been diagnosed with cancer
- **Ron:** An older patient who has been in treatment for a few years
- **Sarah:** A patient carer who looks after patients with cancer
- **Mark:** A secretary who works at an oncology clinic

Hierarchy

The following hierarchy diagram describes how the types of users are related. There are two types of patients in order to give a more diverse range of experiences that could describe how people might use the app. In the goal model, the 'patients' role refer to both Olivia and Ron, who are both patients despite their more specific individual needs



Olivia

Profile



Persona name	Olivia
Persona role	New patient, recently diagnosed with cancer
Job description	Student / Part-time retail worker

👤 Demographic information

Age	23
Gender	Female
Income	\$10,000
Education level	Currently Studying a Masters Degree (Business)
Residential environment	Lives in the city

📜 Biography

Olivia is a busy student who works part time in retail; she is very ambitious and hopes to develop a successful career in business one day. She was recently diagnosed with cancer after visiting her GP for some minor pains, where she was referred to a specialist. Given that she is

young and has always been healthy and active, this came as a huge shock to Olivia, so she is distressed and confused by the unexpected diagnosis.

Goals

Using My Medical Secretary, Olivia wants to be able to focus on what is most important to her - spending time with her family and friends in this difficult time for her. During her first few consultations with specialist doctors, she wants to be able to simply go home after each appointment, without receiving an overwhelming amount of paperwork she needs to deal with. When she feels comfortable, she also wants to be able to learn more about her diagnosis, treatment, and appointment schedule, as well as how cancer will impact the rest of her life.

Personal quote

"This is all so overwhelming, I just want to take some time with my loved ones to understand everything happening to me at the moment"

Ron

Profile



Persona name	Ron
Persona role	A patient who has been in treatment for a few years
Job description	Retired

👤 Demographic information

Age	70
Gender	Male
Income	\$ -
Education level	High School
Residential environment	Lives in the suburbs

📜 Biography

Ron is a retired labourer, who previously worked in construction, and now lives by himself at home. He was diagnosed with cancer 4 years ago, and has been undergoing chemotherapy ever since this time. Due to his advanced age and the effects of chemotherapy, his memory is imperfect, and he often forgets things such as appointment times. This is especially true right after chemo sessions, when he has further impaired clarity and memory, what many in the industry sometimes refer to as 'chemo brain'. At times, it can be stressful for Ron, as he worries that he will miss an appointment and fall behind on treatment.

Goals

Ron wants to be able to ensure that he never misses an appointment, and that he is doing all he can to attend to his cancer treatment, even when he forgets some appointment times himself. He also wants to remain independent in his lifestyle, and does not want to rely on a carer to manage his appointments on his behalf. Furthermore, Ron wants to be able to destress his life by not having to worry about appointments he might be missing at any time.

Personal quote

"It's very hard for me to keep up with all the appointments, sometimes I just completely forget to go!"

Sarah

Profile

 Demographic information

 Biography

 Goals

 Personal quote

Profile



Persona name	Sarah
Persona role	Carer
Job description	Patient Carer

Demographic information

Age	40
Gender	Female
Income	\$ 70,000
Education level	Diploma
Residential environment	Lives in the suburbs

Biography

Sarah works in patient care, and is passionate about her job. She currently has 3 patients with cancer diagnoses, who she visits in their houses/aged care facilities regularly, where she tends to their medical and personal requirements. All of her patients are of fairly advanced age, and experience challenges such as Alzheimer's and blindness, which makes it impossible for them to use mobile phones. Due to this,

Sarah will usually help them with technology by using their mobile devices for them, and performing duties such as managing their calendars.

Goals

Sarah wants the best for her patients, and wants to make sure they are comfortable, whilst not missing any appointments. At the same time, Sarah does not want any of her patients to feel that she is intruding on their personal lives when she is using their phones for them. She knows that whilst they have a close relationship with her, some of them are very private people, and don't want her to see too much of their personal details. She wants to be able to manage appointments and treatment plans for her patients without requiring complicated login processes or worrying about accidentally intruding on their privacy any more than is medically necessary. She also wants to be able to send her patients' schedules to her own device so she can keep on top of their appointments.

Personal quote

"Its a very hard time for my patients. I just want to help them feel safe and supported."

Mark

Profile



Persona name	Mark
Persona role	Secretary
Job description	Medical Secretary at an oncology clinic

Demographic information

Age	30
Gender	Male
Income	\$ 65,000
Education level	Bachelors Degree
Residential environment	Lives in the city

Biography

Mark is a secretary at a specialist cancer clinic in the city, working full time. Each day, many patients visit the clinic and he directs them to required specialists based on their referral papers. The system Mark uses is fairly complex and specific to the clinic he works at, but he is very knowledgeable and good at using both the paper and online systems. Mark is also responsible for giving patients paperwork on their treatment plans and appointment schedules, passing on information given by the doctors for each patient. He also manages appointment changes and cancellations via the clinic phone line and email.

Goals

Mark wants to simplify his job and minimise the amount of paperwork both he and his patients are doing. He finds that the patients arriving at the clinic have often lost some of the paperwork, and he is regularly printing new paperwork to replace missing documents. It is also tedious for him to be filling out certain paperwork by hand for patients, as a lot of the papers refer to overlapping details.

Personal quote

"Its not a great system at the moment, we work with huge stacks of paperwork that patients are always losing. I'd love an easier way."

Requirements

User stories

Epic ID	Epic	User Story ID	As	I Want To	So That	Size Estimation	MoSCoW Priority	Justification
▣ MW-2 5: User onboard & Client management TO DO	Onboard new users into the system	▣ MW-11: Download MMS app from app store/play store TO DO	Olivia (New patient)	Download medical secretary app from app store / play store	I can use it to track my appointments.	Medium	Must	For details on these user stories, please refer to the 'User Story ID' column in the table and click the link provided for comprehensive information in JIRA.
		▣ MW-12: Login into MMS app TO DO	Ron (patient in treatment)	Be able to login into to the app	I can access my profile	Large	Must	
		▣ MW-19: Add and remove patients TO DO	Mark (Secretary)	Add and remove	I can manage patients.	Large	Must	
	Provide patients with appointment schedule links to further information	▣ MW-13: Appointment notifications TO DO	Ron (patient in treatment)	Receive notifications of my appointments from the app	I can attend them on time	Medium	Should	
		▣ MW-14: Calendar Integration for Centralized Schedule Management TO DO		Link the app with my phone's calendar	I can have a centralised view of my schedule	Medium	Can	
		▣ MW-15: View All Appointments in Date Order for Comprehensive Healthcare Timeline. TO DO		See all my appointments in date order, including past and future	I can keep track of my healthcare timeline.	Small	Should	
		▣ MW-16: Accessing Valuable Resources for Understanding Conditions and Treatment Options Accessing Valuable Resources for Understanding Conditions and Treatment Options TO DO		Access valuable resources and information links	I can better understand my condition and treatment options.	Medium	Must	
		▣ MW-79: Appointment Details & Tasks TO DO		Have details about the appointments and tasks I need to do	I can easily keep track of what I have to do without forgetting or losing physical paperwork.	Small	Must	
		▣ MW-17: Receive and share patient details from the clinic or patient TO DO	Sarah (Carer)	Receive and share patient details from the clinic or patient	I can easily coordinate care with their support network	Medium	Should	
		▣ MW-20: Integrate the app with our existing medical software (e.g., Genie Solutions) TO DO	Mark (Secretary)	Integrate the app with our existing medical software (e.g., Genie Solutions)	I can Streamline data management and ensure a seamless flow of information.	Large	Won't	
		▣ MW-21: Streamline patient management and enhance communication through the web interface TO DO		Streamline patient management and enhance communication through the web interface	I can efficiently update and manage patient schedules, share valuable resources, and maintain accurate, up-to-	Large	Must	

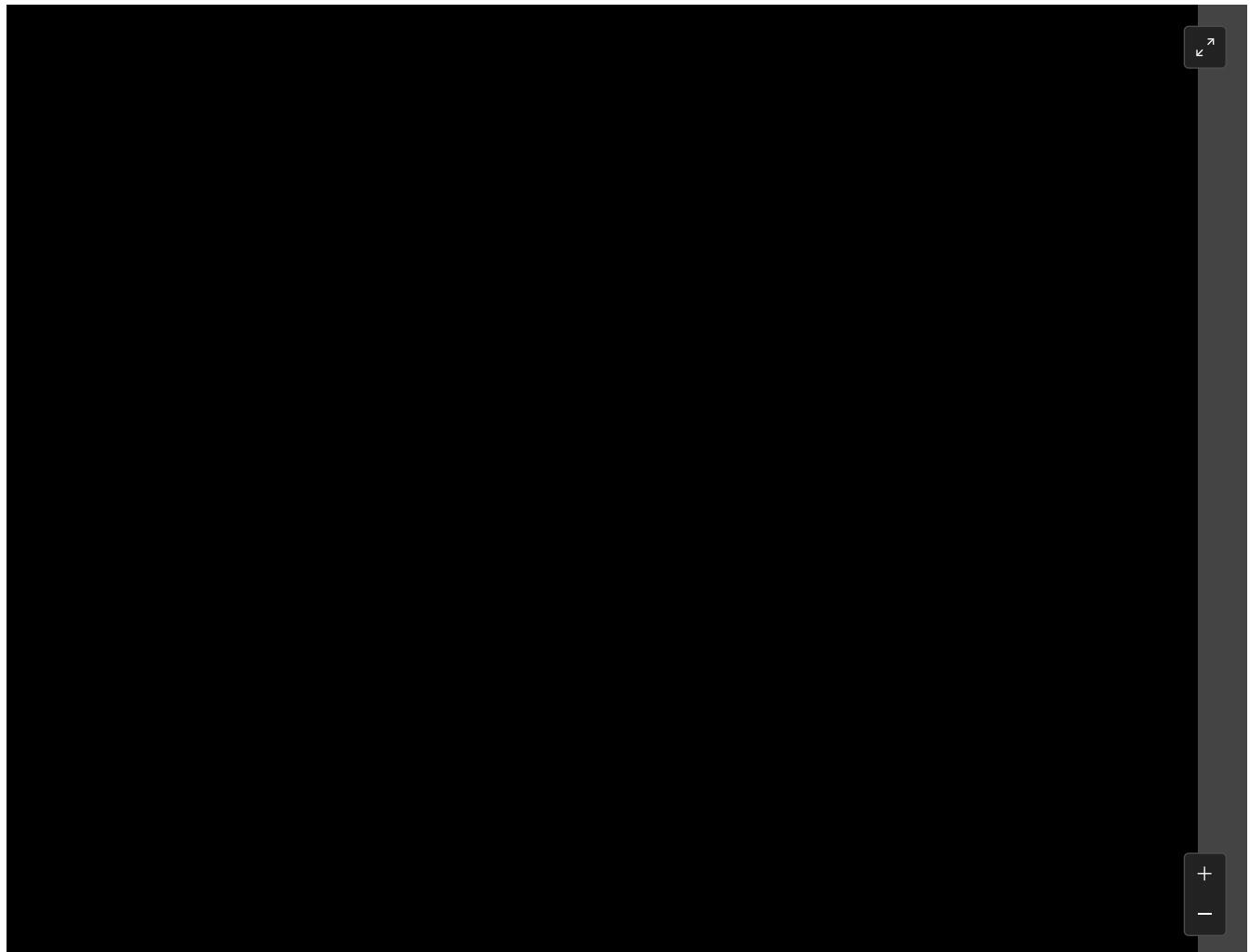
					date communication with patients or their carers.	
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Figure 1: User Stories Template Example from Lecture Slide (W4_userstories_and_prototypes, Page 11)

Size Estimation	
Small	User stories that can be completed in one day or less.
Medium	User stories that can be completed between 1 and 3 days
Large	User stories that can be completed between 4 and 5 days
MoSCoW Priority	
Must have	Non-negotiable product needs that are mandatory for the team.
Should have	Important initiatives that are not vital but add significant value.
Could have	Nice to have initiatives that will have a small impact if left out.
Will not have	Initiatives that are not a priority for this specific time-frame.

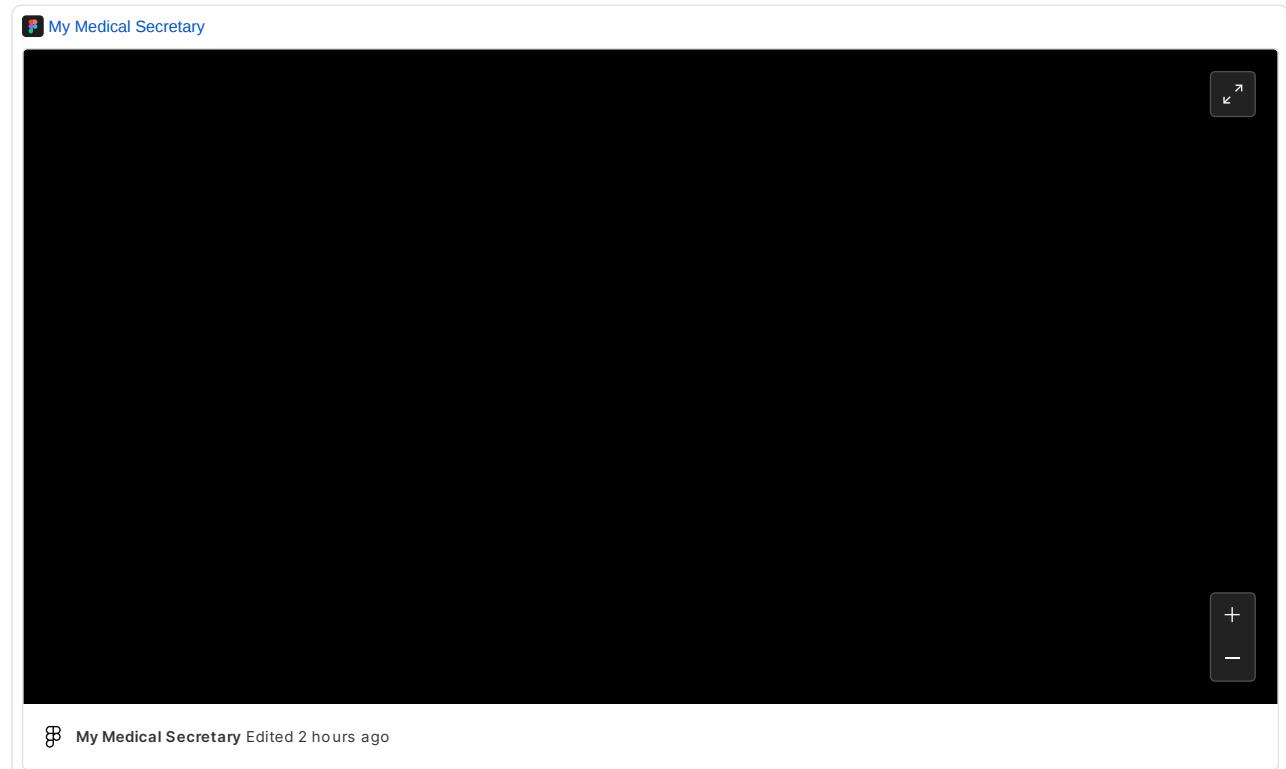
Figure 2: User Stories Classification from Lecture Slide
(W4_userstories_and_prototypes, Page 10)

Application Prototypes



Draft one Edited 4 hours ago

Clinic Web App Prototypes





Agile Ceremonies / Plan

This section outlines the plan for sprints 2 and 3 using agile structures as a guide. Each sprint's plan is listed under its respective tab. We also outline the general plan for technology stack we are thinking of using for the frontend/backend in this section.

Technical Details

Choice of Technology

- Front-End
- Back-End
- Database
- Version Control
- Deployment Infrastructure

Choice of Technology

For this project, here are the technologies we are exploring:

Front-End

There are two we are considering, for the Mobile and Web apps respectively:

1. React Native: a framework for building native mobile applications using JavaScript and React. Mainly used due to its flexibility to make both iOS and Android apps, and has been used by previous team.
2. React.js or React: a JavaScript library optimized for web development and provides a rich ecosystem of resources and tools for building user interfaces.

Back-End

Kotlin Spring Boot: a Java-based framework for building web applications and RESTful APIs. It provides a robust and scalable backend infrastructure for handling business logic, data storage, and communication with clients.

Database

PostgreSQL: an object-relational database management system with advanced features, reliability, and scalability.

Version Control

GitHub: a web-base platform that enables version control and collaboration in software project. It allows users to host and manage repositories, track changes to code, collaborate with others through pull requests and code reviews, and automate workflows using integrations and tools.

Deployment Infrastructure

The deployment will be collaborating with the clinic's own IT infrastructure, at least in the short-term. As far as the team is aware, the clinic has an EC2 instance (AWS), which can host the backend, as well as both frontend applications (Mobile app and web app). Given the robust nature of Springboot, little server management will be required for the IT team to manage the application.

1 Sprint 1

Sprint 1 Plan

Sprint Goal

The Sprint 1 goal is to analyse and create project background, goals, scope, requirements, and necessary plan to develop it. Along with it, developing necessary spaces, tools, and documentation.

Sprint Tasks

- MW-1: Project Overview and Background DONE
- MW-2: Create personas DONE
- MW-3: Do-Be-Feel DONE
- MW-4: Set up Development Environment (GitHub) DONE
- MW-5: Set up Development Environment (Confluence) DONE
- MW-6: Plan User Stories DONE
- MW-7: Goal Model DONE
- MW-8: Create Figma Prototype (User App) DONE
- MW-9: Write plan for Sprint 2 & 3 DONE
- MW-18: Add confluence docs to github and generate baseline tag IN PROGRESS
- MW-22: Create tickets for the Carer and Secretary user stories, and create a user story template. DONE
- MW-23: Add JIRA issue (User stories/Epic) to confluence DONE
- MW-24: Create Personas Hierarchy DONE
- MW-84: Set Up Jira and Jira-Confluence Integration DONE
- MW-89: Create Figma Prototype (Web App) DONE

Sprint 1 Review

Sprint 1 Retrospective

2 Sprint 2

Sprint 2 Plan

Sprint Goal

The Sprint 2 goal is to construct the base framework of the app, such as implement login authentication and user management, and the basic functionality of the app, providing notifications for appointment and resources of information regarding the treatment and illness.

Sprint 2 Backlog (25 Mar - 26 Apr)

Note: Details of User Story, Prerequisite, Steps, and Acceptance Criteria are in Jira

User Story ID	Tasks	Priority	Estimate Story Points	Dependencies
 MW-12: Login into MMS app TO DO	1. MW-29: Set up User Authentication TO DO 2. MW-31: Frontend/UI Login Implementation TO DO 3. MW-32: Backend Login Implementation TO DO 4. MW-33: Error Handling TO DO 5. MW-34: Testing TO DO	Must Have	6	 MW-19: Add and remove patients TO DO
 MW-19: Add and remove patients TO DO	1. MW-36: Frontend/UI Patient Management Implementation TO DO 2. MW-37: Backend Patient Management Implementation TO DO 3. MW-38: User Creation Functionality TO DO 4. MW-39: User Deletion Functionality TO DO 5. MW-40: Error Handling TO DO 6. MW-41: Testing TO DO	Must Have	6	Null
 MW-13: Appointment notifications TO DO	1. MW-42: Notification System Integration TO DO 2. MW-43: Backend Notification Implementation TO DO 3. MW-45: Frontend Notification / UI TO DO 4. MW-46: Error Handling TO DO 5. MW-47: Testing TO DO	Must Have	4	 MW-12: Login into MMS app TO DO

<p><input checked="" type="checkbox"/> MW-16: Accessing Valuable Resources for Understanding Conditions and Treatment Options Accessing Valuable Resources for Understanding Conditions and Treatment Options TO DO</p>	<p>1. <input checked="" type="checkbox"/> MW-59: Backend Resource Management System TO DO</p> <p>2. <input checked="" type="checkbox"/> MW-60: Frontend Resources UI TO DO</p> <p>3. <input checked="" type="checkbox"/> MW-61: Error Handling TO DO</p> <p>4. <input checked="" type="checkbox"/> MW-62: Testing TO DO</p>	<p>Must Have</p>	<p>4</p>	<p><input checked="" type="checkbox"/> MW-12: Login into MMS app TO DO</p>
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Quick Link to Jira Backlog:



Jira

Sprint 2 Review

Sprint 2 Retrospective

3 Sprint 3

Sprint 3 Plan

Sprint Goal

The Sprint 3 goal is to implement more advanced functionality of the app that has been built previously, with calendar, sorting and sharing features. The secretary of the clinic can edit and share appointment's details and other necessary resources. The app is also created to be available to Apple App Store and Google Play Store.

Sprint 3 Backlog (29 April - 24 May)

Note: Details of User Story, Prerequisite, Steps, and Acceptance Criteria are in Jira

User Story ID	Tasks	Priority	Estimate Story Points	Dependencies
MW-14: Calendar Integration for Centralized Schedule Management <small>TO DO</small>	1. MW-48: Research on Calendar Integration System <small>TO DO</small> 2. MW-49: Backend Calendar Integration System Implementation <small>TO DO</small> 3. MW-51: Frontend/UI Calendar Integration System Implementation <small>TO DO</small> 4. MW-52: Calendar Event Creation Functionality <small>TO DO</small> 5. MW-53: Error Handling <small>TO DO</small> 6. MW-54: Testing <small>TO DO</small>	Can Have	4	MW-13: Appointment notifications <small>TO DO</small>
MW-15: View All Appointments in Date Order for Comprehensive Healthcare Timeline <small>TO DO</small>	1. MW-55: Database-Backend Data Retrieval <small>TO DO</small> 2. MW-56: Appointment Sorting Logic <small>TO DO</small> 3. MW-57: Sorting UI <small>TO DO</small> 4. MW-58: Testing <small>TO DO</small>	Should Have	2	MW-13: Appointment notifications <small>TO DO</small>
MW-79: Appointment Details & Tasks <small>TO DO</small>	1. MW-85: Frontend/UI Appointment Details & Tasks <small>TO DO</small> 2. MW-86: Backend Integration <small>TO DO</small> 3. MW-87: Error Handling <small>TO DO</small> 4. MW-88: Testing <small>TO DO</small>	Must Have	2	MW-13: Appointment notifications <small>TO DO</small>
MW-17: Receive and share patient details from the clinic or patient <small>TO DO</small>	1. MW-63: Share UI (for patient) <small>TO DO</small> 2. MW-64: Backend Share Functionality <small>TO DO</small> 3. MW-65: Email Sharing <small>TO DO</small>	Should Have	4	MW-13: Appointment notifications <small>TO DO</small>

	4. MW-66: SMS Sharing <small>TO DO</small> 5. MW-67: Input Validation <small>TO DO</small> 6. MW-68: Error Handling <small>TO DO</small> 7. MW-69: Testing <small>TO DO</small>			
MW-20: Integrate the app with our existing medical software (e.g., Genie Solutions) <small>TO DO</small>		Won't Have	6	MW-13: Appointment notifications <small>TO DO</small>
MW-21: Streamline patient management and enhance communication through the web interface <small>TO DO</small>	1. MW-70: Patient Edit UI <small>TO DO</small> 2. MW-71: Backend Edit Functionality <small>TO DO</small> 3. MW-72: Share UI (for the clinic) <small>TO DO</small> 4. MW-73: Backend Share Functionality <small>TO DO</small> 5. MW-74: Email Sharing <small>TO DO</small> 6. MW-75: SMS Sharing <small>TO DO</small> 7. MW-76: Input Validation <small>TO DO</small> 8. MW-77: Error Handling <small>TO DO</small> 9. MW-78: Testing <small>TO DO</small>	Must Have	6	MW-19: Add and remove patients <small>TO DO</small>
MW-11: Download MMS app from app store/play store <small>TO DO</small>	1. MW-80: Finish app development <small>TO DO</small> 2. MW-81: Write app descriptions and select keywords for better visibility <small>TO DO</small> 3. MW-82: Submit the app to the App Store and Play Store <small>TO DO</small> 4. MW-83: Analyse downloads and user feedback <small>TO DO</small>	Must Have	4	Null

Quick Link to Jira Backlog:



Jira

Sprint 3 Review

Sprint 3 Retrospective

4 Sprint 4

Sprint 4 Plan

Sprint 4 Review

Sprint 4 Retrospective



Meetings



Supervisor Meeting

Weekly Mentor Meeting Week 3

Date	13th of March 2024
Time	11:30 a.m. - 12:00 p.m.
Participants	@Andre Soetrisno @Jonathan Latti @Sophie von Doussa @Shaolong Xu @Yuan @Sable Wang-Wills
Location	Join our Cloud HD Video Meeting
Meeting type	Weekly mentor check-in meeting
Materials	

📋 Goals and progress

Participants	Priorities since we last met	Priorities until we meet again
@Andre Soetrisno @Jonathan Latti @Aadesh Samdaria @Sophie von Doussa @Yuan @Shaolong Xu	<ul style="list-style-type: none">• Read the project brief and specs• Read the previous product details	<ul style="list-style-type: none">• Read Sprint 1 details• Preparing for Sprint 1 deliverables

🌟 Important topics

NOTE: No agenda from the team this week, this is supervisor's note

	Topic	Description	Results
1	Project's progress	How's the team project progress and should do immediately with the Sprint 1 deadline is near (22nd of March)	<p>Here is the list of what the team have to do:</p> <ul style="list-style-type: none">• Have team meeting after client meeting at 14th of March• Set up Confluence cover page and details• Make task tracking• Make agenda for Supervisor's meeting• Record all meetings• Set up weekly stands-up

✓ Action items

- Set up when-2-meet for team meeting
- Prepare Confluence to required specs

Set up task tracking

Weekly Mentor Meeting Week 4

Date	20th of March 2024
Time	11:30 a.m. - 12:00 p.m.
Participants	@Andre Soetrisno @Jonathan Latti @Sophie von Doussa @Shaolong Xu @Yuan @Aadesh Samdaria @Sable Wang-Wills
Location	Join our Cloud HD Video Meeting
Meeting type	Weekly mentor check-in meeting
Materials	

⭐ Important topics (Agenda)

	Topic	Description	Results
1	Project's progress	<p>Check off the following:</p> <ul style="list-style-type: none"> • Goal Model • Personas • Prototype <p>More specifically:</p> <ol style="list-style-type: none"> 1. What is the relationship between Goal Model, Persona, and User Stories 2. Ask does the Confluence Setting need to also include future pages 3. Can user stories be relevant to multiple personas 4. How exactly does uploading confluence to GH work, and how do we generate a tag? 	<p>1. There is hierarchy from DO-BE-FEEL → Goal Model → Personas → User Stories. User Stories is to be expanded leaves of Goal Model. Root Node is core goal → can be care patients or medical secretary. Can elaborate more details on Goal Model. A user story should be able to draw back to node in goal model. Maybe change the epic name. Integrate Genie Solutions user story is too vague. Epic can correlate to larger node. Often 3 tiers in goal model. In goal model, it is fine to combine some roles, streamlining. Keep track of goal model versions. Add change logs to user stories.</p> <p>2. Have a page for agile ceremonies: documenting, sprint planning, review, and retrospective</p> <p>3. Hierarchy personas. So we can mention multiple personas user stories.</p> <p>4. There is export feature in Confluence, HTML file, and</p>

			just “dump” it.
2	Discuss the plan	<ol style="list-style-type: none"> 1. Does the requirements also in the form of Product Backlog? 2. Do we write Assumptions and Limitations? 3. Explicitly write Out-Scope Features? 	<ol style="list-style-type: none"> 2. Just make relevant assumptions and limitations 3. Maybe a good idea. also add table of contents
3	Signing forms	Do we need to actually send the deed to each other and sign it with a password?	<ol style="list-style-type: none"> 1. DM Sable if it still a problem



Client Meeting

Client Meeting 1

Date	14th of March 2024
Time	9:00 a.m. - 10:00 a.m.
Participants	<p>@Andre Soetrisno @Yuan @Sable Wang-Wills @Sophie von Doussa @Aadesh Samdaria @Shaolong Xu @Jonathan Latti</p> <p>Koala Team: Linda Kamau, Amien, April, Michael Morrison, Ganbayar Sukhbaatar, Truman Zhenji Pan</p> <p>Client: Susan Pickering</p>
Location	Join our Cloud HD Video Meeting
Meeting type	Client Meeting
Materials	<p> https://docs.google.com/document/d/15yLtymCAL2vMJna_YnZIfpYcc6XIVqozPwQHXTMhDmA/edit Connect your Google account</p>

★ Important topics

	Topic	Description	Results
1	Summary of the project	What is the project about	<ul style="list-style-type: none"> The app is for one space and easy access for all things they need for appointments and hospital information needed To make sure they take information after terrible news and after effect of medicine and treatment The info can be shared to family members
2	Questions	<ol style="list-style-type: none"> Different Users Important characteristics In-patient or Out-patient Typical confusion How many clinics How frequent the appointment Appointment booking Info that available Sharing mechanic What interfaces Back end users Upload documentation How confidential 	<ol style="list-style-type: none"> The first is the patient (front end). The second one is clinic (back end). Last time, there is admin tools, which can share information. The age of patients early 20s to 85s. The front end has to be clear and can be used easily and read. Not particularly, assuming family members help Out-patient, technically in-patient but they come not stay. Hoping to work with oncology

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| 14. What is GENIE | 4. Timeline to do. Next appointment and what to do before them (like CAT scan, see specialist, blood test, etc.). They also lose their paperwork, so saving it to app better. The time appointment is not important, and the app reduces phone call, increase the productivity |
| 15. What are the features maintained and updated | |
| 16. Report making | |
| 17. GENIE integration | |
| 18. GENIE's update | |
| 19. Back end deployment | |
| | 5. They basically come to oncology (main one), but many specialists. But the client desires that the app absorb multiple info from many clinics into one and integrate many clinics. But currently in this stage, the app focuses in one clinic. |
| | 6. At max every 2 weeks, becomes rarer as they got to remission |
| | 7. The patient shouldn't choose their time, the clinic makes the appointment and sent info. If they want cancel, they have to call |
| | 8. No test results (blood, etc.). Appointment details, date and time, what they need to do (can attach forms), links to information about that treatment |
| | 9. Link or email |
| | 10. Have access through website, modernized. The previous design themselves are ok, but need to update. When they click appointment, they have doctor info etc |
| | 11. Usually secretary and receptionist |
| | 12. Usually has to make their own |
| | 13. No medical confidential info, the only sensitive info is their private info (name, address, phone) |
| | 14. It is medical software solution, info and bills etc. They possibly have their own |

API to integrate. The initial idea is to integrate with them. It can appointment and booking software. It lacks notification part (they have SMS reminder, but it is manually). The app is for client's paperwork, unlike GENIE. The app should upload GENIE's info

15. Add notifications reminder.

Send info pages. Need to synch to calendar. Update the look and interaction. No additional features that the client can think.

16. Using Genie (excel),

transferring to backend.

There are two reports (appointment and info). The updated info should come as soon as possible. There is possible Genie automation(?).

17. The clinic has Genie server.

Hotdoc is the closest the app looks like, but it is for GPs.

18. GENIE's update comes around every 3 months

19. There is one IT guy, but last team deploy on their own



Team Meeting

1 Sprint 1 Meetings

Standup Meeting 1

Date	18th of March 2024
Time	11:00 a.m. - 11:45 p.m.
Participants	@Andre Soetrisno @Sophie von Doussa @Shaolong Xu @Aadesh Samdaria @Yuan @Jonathan Latti
Location	Join our Cloud HD Video Meeting
Meeting type	Standup
Materials	

Goals and progress

Participants	Priorities since we last met	Priorities until we meet again
@Andre Soetrisno	<ul style="list-style-type: none">Writing up Project Background	<ul style="list-style-type: none">Start drafting project planFinish Project Background
@Shaolong Xu @Yuan	<ul style="list-style-type: none">Drafting User Stories	<ul style="list-style-type: none">Helping writing User Stories
@Sophie von Doussa		<ul style="list-style-type: none">Start Admin PrototypeFinish DO-BE-FEEL
@Jonathan Latti	<ul style="list-style-type: none">Finish Persona	<ul style="list-style-type: none">Set up GithubStart Patient Prototype
@Aadesh Samdaria	<ul style="list-style-type: none">Drafting User Stories	<ul style="list-style-type: none">Putting it in JIRA

Important topics

	Topic	Description	Results
1	User Stories	What are some problems with the user stories that as a team we haven't been able to understand?	Ask Sable: <ul style="list-style-type: none">What is the correlation between goal model and epicCan a user stories be relevant to multiple personas
2	Prototype	Who should start Prototype	<ul style="list-style-type: none">@Jonathan Latti starts the patient side@Sophie von Doussa starts the admin side

3	Sprint 1 Tasks	What we have to do	<ul style="list-style-type: none">• Finish up Prototypes, Github setting, Plan
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Team Meetings

Team Meeting 1 - Pre-Client Joint Meeting

Date	8th of March 2024
Time	12:30 - 1:30 p.m. AEST
Participants	<p>@Andre Soetrisno @Aadesh Samdaria @Jonathan Latti @Sophie von Doussa @Shaolong Xu</p> <p>Koala Team: Linda Kamau, April Hong Hao Worsley, Ganbayar Sukhbaatar, Truman Pan, Michael Morrison, Amien Hanantio</p>
Location	 Meet
Meeting type	Joint Meeting with Koala Team
Materials	

★ Important topics

	Topic	Description	Results
1	Cross Meeting time with the client	Online meeting time with the client along with the Koala team.	<p>Appropriate time: Tuesday and Wednesday at 7 a.m. Monday is an option (1:30-2:30 p.m. or 3-4:30 p.m.), but leaving it as possibility.</p> <p>Aadesh and Linda as Product Owner are going to send email to the client about the meeting schedule after the meeting.</p>
2	Thoughts on the app	How the app as what the client described work	Ganbayar showed a diagram of how it might work to give the team basic understanding, but as a team we decide to ask for more clarification to the client.
3	Question for the client	The list of all questions that both team want to ask	<p>The list of questions topic:</p> <ol style="list-style-type: none"> 1. The scope of the project: make new or add existing, IOS & Android, main problem that needed to solve 2. The most important features (maybe compared to previous prototypes; keep, stop, start) 3. How the app works with the server and Genie

			<p>4. What exactly the customer of the application (which patient, and is medical staffs also included)</p> <p>5. What is the pre-existing infrastructure</p> <p>6. What is access control of the app</p> <p>7. Accessibility issue</p> <p>8. Privacy issue</p> <p>9. Clarify communication between the systems and customers</p>
4	The meeting flow	How the meeting with the client will work	Decide that there should only be a delegate that asks all the questions. This delegate(s) is/are possibly both product owners of respective team.

✓ Action items

- Email the time of joint meeting to client
- Email the questions to client
- Someone create workspace slack to dump all questions
- Succinct the questions

Team Meeting 2

Date	14th of March 2024
Time	10:15 a.m. - 11:15 a.m.
Participants	@Andre Soetrisno @Jonathan Latti @Aadesh Samdaria @Sophie von Doussa @Yuan @Shaolong Xu
Location	Join our Cloud HD Video Meeting
Meeting type	Group Meeting
Materials	

⭐ Important topics

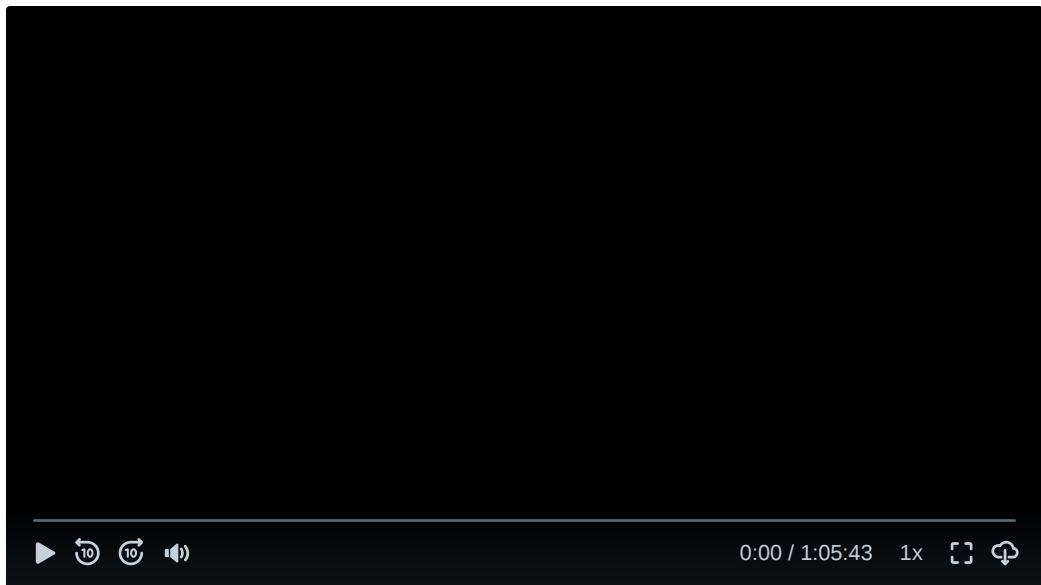
	Topic	Description	Results
1	Setting up	How and what to set up in Confluence and task tracking	<ul style="list-style-type: none">• Setting up Jira for task tracking for Sprint 1• Figma for Prototype
2	Scope	What should be scope	<ul style="list-style-type: none">• Most likely make from scratch• React Native for front end• Spring Boot for back end• Decide that admin should be web app and users downloadable app
3	Sprint 1	What to do on Sprint 1	<ul style="list-style-type: none">• Set up clear tasks which listed on Canvas and Jira• Set up meeting tomorrow to work together

✓ Action items

- Make persona model @Jonathan Latti
- Make necessary pages for Confluence @Andre Soetrisno
- Go through the previous project @Sophie von Doussa
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Recording

(low quality due to max file size upload!)



Team Meeting 3

Date	15th of March 2024
Time	12:30 p.m. - 1:30 p.m.
Participants	@Andre Soetrisno @Jonathan Latti @Aadesh Samdaria @Sophie von Doussa @Yuan @Sophie von Doussa
Location	Join our Cloud HD Video Meeting
Meeting type	Team Meeting
Materials	

Goals and progress

Participants	Priorities since we last met	Priorities until we meet again
@Jonathan Latti	<ul style="list-style-type: none"> Writing some concepts for personas 	<ul style="list-style-type: none"> Finish writing personas Write GitHub README
@Sophie von Doussa	<ul style="list-style-type: none"> Go through previous team's project 	<ul style="list-style-type: none"> Finish DO-BE-FEEL Finish Goal Model
@Shaolong Xu @Aadesh Samdaria @Yuan	<ul style="list-style-type: none"> Go through requirements 	Discuss and write user stories
@Andre Soetrisno	<ul style="list-style-type: none"> Organize Confluence 	<ul style="list-style-type: none"> Finish organizing Confluence Discuss and write user stories

Important topics

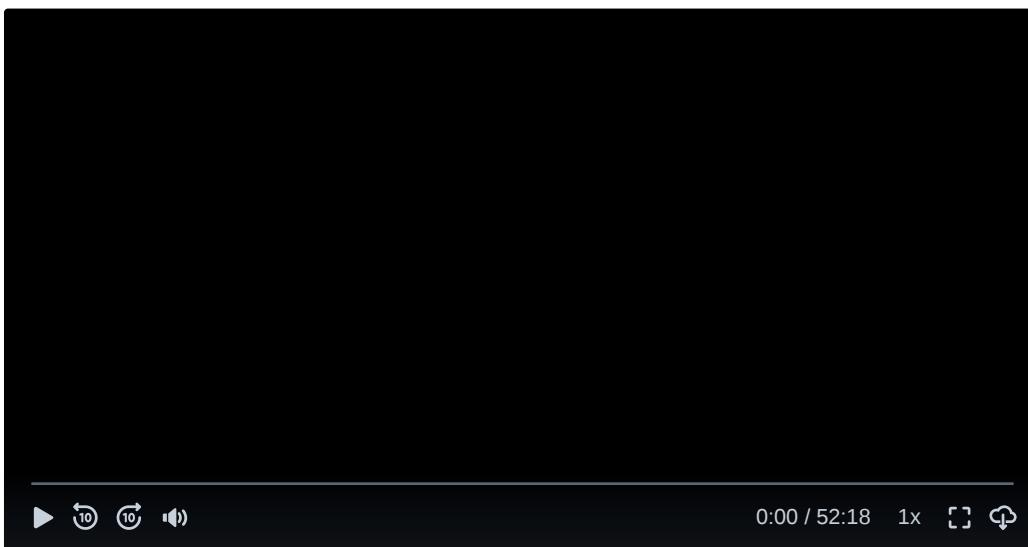
	Topic	Description	Results
1	Stand Up Meeting	When should we have stand up meeting	Once or twice every week. At least once on Monday
2	DO-BE-FEEL & Goal Model	What should we write	Establish basis what we want to write and will be finished by @Sophie von Doussa
3	Personas	How should we write personas	Establish and fleshed out Personas into 4 roles. Will be finished by @Jonathan Latti

4	User Stories	How and what to write in user stories	Will be further discussed on the follow up meeting by @Aadesh Samdaria @Andre Soetrisno @Yuan @Shaolong Xu
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✓ Action items

- Ask Sable to connect Jira in Confluence
- Ask Susan should the app take care emergency contact
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Meeting



Team Meeting 4

Date	21st of March 2024
Time	2:40 p.m. - 3:30 p.m.
Participants	@Andre Soetrisno @Yuan @Sophie von Doussa @Jonathan Latti @Aadesh Samdaria
Location	Join our Cloud HD Video Meeting
Meeting type	Team Meeting
Materials	

Goals and progress

Participants	Priorities since we last met	Priorities until we meet again
@Andre Soetrisno	<ul style="list-style-type: none"> Helping with User Stories 	<ul style="list-style-type: none"> Start and Finish Sprint Plan Fix Confluence Space
@Sophie von Doussa	<ul style="list-style-type: none"> Start Admin Prototype Finish DO-BE-FEEL 	<ul style="list-style-type: none"> Fix Goal Model Finish Admin Prototype
@Jonathan Latti		<ul style="list-style-type: none"> Make Persona Hierarchy Finish Set up Github

Important topics

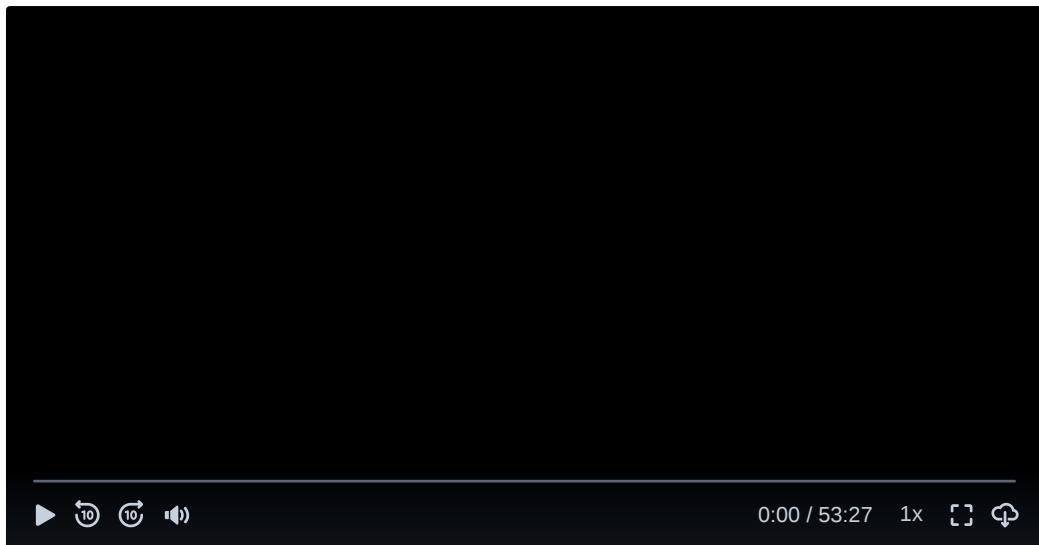
	Topic	Description	Results
1	Sprint 1	<ul style="list-style-type: none"> Project Overview How many epics and goal model 	<ul style="list-style-type: none"> Fixing Project Overview Make 2 epics: user management and resources (and appointment) Deployment infrastructure: Clinic infrastructure PostgreSQL mysql for database Question to ask Susan: 1. how does the user make the account in the first place? Does the clinic give the account

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| | <ul style="list-style-type: none">• 2. how much info doctor in the app• 3. how does information flow (links)• Make epic 1 & 2 → sprint 2 & 3 |
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Action items

@Andre Soetrisno make a list of questions for Susan

Recording



Development Meeting

Dev Meeting 1

Date	15th of March 2024
Time	2:30 p.m. - 3:30 p.m.
Participants	@Aadesh Samdaria @Andre Soetrisno @Yuan @Shaolong Xu @Sophie von Doussa
Location	Join our Cloud HD Video Meeting
Meeting type	Development meeting
Materials	

Goals and progress

Participants	Priorities since we last met	Priorities until we meet again
@Andre Soetrisno @Aadesh Samdaria @Shaolong Xu @Yuan	<ul style="list-style-type: none">Discuss and write User Stories	<ul style="list-style-type: none">Discuss and write User Stories

Important topics

	Topic	Description	Results
1	User stories	How and what we should write	For now, we don't use names, instead use titles
2	Use Cases	How and what should we write	Decide to not write use cases in this stage
3	Slack Channel with the client	Separate or one channel	We decide it is fine to have one channel instead separate one

Recording

[Video Conferencing, Web Conferencing, Webinars, Screen Sharing](#)

Passcode: cG^LSx6v

Dev Meeting 2

Date	17th of March 2024
Time	11:00 a.m. - 11:30 a.m.
Participants	@Andre Soetrisno @Jonathan Latti @Shaolong Xu @Yuan
Location	Join our Cloud HD Video Meeting
Meeting type	Dev Meeting
Materials	

Goals and progress

Participants	Priorities since we last met	Priorities until we meet again
@Andre Soetrisno @Jonathan Latti @Shaolong Xu @Yuan	<ul style="list-style-type: none">Continue our progress	<ul style="list-style-type: none">Continue our progress

Important topics

	Topic	Description	Results
1	The different personas	Should we have different personas client	Still have carer and different personas
2	Persona name	Should we use persona name	We should use persona's name because it emphasize the difference and contrast outside the title
3	Prototype	When should make prototype	We will decide the prototype when all of the members are present
4	Share Feature	Should we have share features	We should, and it can be simple as in share via email