Appendix 1 - Project Charter

Appointment System for MIDATA

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TI
Medical Informatics

Contents

1 General Information

Project Title:	Appointment System for MIDATA
Brief Project Description:	The project consists of a proof of concept of a MIDATA cloud-based medical calendar module for mobile health applications as a bachelor thesis.
Prepared By:	Fahrni Alex
Date:	25.03.2022

Version:	v1.2

2 Project Objectives

Goals
Develop a MIDATA cloud-based calendar medical module for mobile health applications.
Define use cases involved with the project.
Define and respond to project-related research questions.
Develop a proof of concept of a MIDATA cloud-based medical calendar module.
Deliverables
Report.
Module.
Article for the "Book".
Poster.
Movie.
Presentation for the final day.
Technical documentation.

3 Project Scope

System Limits
The delivered module is a proof of concept.
The delivered module runs on Android. (Although a cross-platform framework will be used for the development for a later iOS release.)
The delivered module includes only what it was developed for, which is a MIDATA cloud-based medical calendar. Although it will be put into a mocked up mobile health application for demonstration purposes.

4 Project Milestones

Milestones	*Deliverables*	*Date*
Definition of the proof of concept to be submitted	Project specifications	11.03.2022
Communication and interaction with MIDATA implemented.	Prototype v0.1	25.03.2022
Calendar functions implemented.	Prototype v0.2	22.04.2022
Export with system's calendars implemented.	Prototype v0.3	13.05.2022
Release candidate reached.	Prototype v1	03.06.2022
Delivery	All deliverables	16.06.2022

5 Impact Statement

Potential Impact	Systems / Units Impacted
Improved patient attendance.	Patient & health professional.
Improved medication intake.	Patient.
Improved compliance with instructions.	Patient & health professional.
Improved management of scheduling.	Patient.
Improved access to information. (e.g. address, floor, …)	Patient.
More privacy.	Patient.

6 Roles and Responsibilities

Names	Emails
Sponsor	
Benoist Emmanuel (Supervisor)	emmanuel.benoist@bfh.ch
Bignens Serge (Supervisor)	serge.bignens@bfh.ch
van der Kleij Han (Expert)	han.vanderkleij@sbb.ch
Project Manager	
Fahrni Alex	alex.fahrni@students.bfh.ch
Team Member	
Fahrni Alex	alex.fahrni@students.bfh.ch
Customer	
Bignens Serge (Head of I4MI Institute)	serge.bignens@bfh.ch
Steiger Dominik (Product manager MIDATA)	dominik.steiger@midata.coop
Wilhelm Matthias (Head of Preventive Cardiology, Inselspital)	Matthias.Wilhelm@insel.ch
Subject Matter Expert	
von Kaenel François	francois.vonkaenel@bfh.ch
Kreutz Alexander	alexander.kreutz@bfh.ch

7 Resources

Resources	Constraints
Project Budget	On demand
Time Available	360 hours
Personnel	1 person
Devices	On demand
Servers	On demand

8 Project Risks

Risks	Mitigation Strategies
Unknown technologies.	- Meeting with experts. - Self-learning. - Use the planned reserve time between sprints for review.
Implementation of a feature taking longer than expected.	Use the planned reserve time between sprints for review.
Getting sick.	- Use the planned reserve time between sprints for review. - Using the weekends to make up for lost time.

9 Success Measurements

As a proof of concept, it is difficult to define precise metrics, but the following points can be relied upon.

Metrics
Backlog completion at 100%.
Positive opinion of usability test participants.
The expectation that usability test participants would have of such a service.
The project meets expectations.

10 Bibliography

Project Charter Template
Minnesota State, Talent Management/Project Teams Toolkit, Project Charter, Rev. February 2013,
https://www.minnstate.edu/system/hr/training_and_development/documents/Project_Charter_Templ
ate_2.pdf 7

11 Version control

Versions	Dates	Descriptions	Authors
v1.0	05.03.2022	First draft.	Fahrni Alex
v1.1	09.03.2022	Adjustments	Fahrni Alex
v1.2	25.03.2022	Adjustments	Fahrni Alex