

Appendix A: Scope of Work

The scope of work for this agreement covers designing and developing a Smart Pills Bottle Proof of Concept (POC) for the Client. The POC will involve developing the smart pills bottle cap that is linked to a mobile app and web application for tracking purposes.

Below are all the features that are in scope for the POC:

Feature	Description	User
Smart Cap		
Tracking Cap Opening/Closing	Automatically tracks doses by detecting when bottle is opened or closed.	Patient / Caregiver
Biometric Locking Mechanism	Programmable biometrics lock on the cap to prevent anyone other than the User to open the bottle.	Patient / Caregiver
Track Dosage	Sends reminders when you forget a dose and warns of double-dose.	Patient / Caregiver
Content Counter	The counter will enable the User to know how much content has remained in the bottle and how many have been taken out.	Patient / Caregiver
Sync to the Mobile App via Wifi	Syncs to the mobile app; view your dose history and notifications.	Patient / Caregiver
Bottle Locating Signal	Bottle locating signal to enable the User to locate their pills bottle should they forget or misplaced it.	Patient / Caregiver
Mobile App		
Display Dose History	Display dose history based on data posted by the Smart Cap.	Patient / Caregiver
Notifications	Caregiver can receive notifications when a loved one misses a dose.	Caregiver
Find my pills bottle button	Bottle locating signal to enable the User to locate their pills bottle should they forget or misplaced it.	Patient / Caregiver

Web Application		
Inventory Management	Track the number of Smart Cap produced and ready to be distributed.	Pharmacist
Allocate Smart Cap to the Pills Bottle and Patient	Assign a Smart Cap per pills bottle and per patient.	Pharmacist
Reassign the Smart Cap to a Different Pills Bottle	Reassign Smart Cap to a new pills bottle.	Pharmacist
Patient Profiles	Maintaining Patient profiles in the database including their Caretaker information.	Pharmacist
Reporting	View different reports such as: <ul style="list-style-type: none"> • Smart Cap Sales Report • Patients Due for Refill • Overdose Report • Inventory report 	Pharmacist Insurance
Sync with the Mobile App	Receiving patient dose intake data from the Mobile App.	Pharmacist Insurance
Notifications	Receiving notifications when patient needing refill and/or overdose alerts.	Pharmacist Insurance

Appendix B: Delivery Schedule

Dates	Duration	Phase	Tasks and Deliverables
17/01/2022 – 21/01/2022	1 Week	0	Preparation and contracting. <u>Outcome:</u> Contract signed and 1 st invoice raised.
24/01/2022 – 04/02/2022	2 Weeks	1	Research and Analysis. <u>Outcome:</u> Solution addressing all Client concerns, review with Client for feedback and approval.
07/02/2022 – 18/02/2022	2 Weeks	2	Design the prototype <u>Outcome:</u> 3D representation of the product to be developed and 2 nd invoice raised.
21/02/2022 – 04/03/2022	3 Weeks	3	POC Development <u>Outcome:</u> 3D Printed Smart Cap Mobile App Web Application
07/03/2022 – 18/03/2022	2 Weeks	4	Testing and fixing based on Client feedback. <u>Outcome:</u> Final product ready to be shipped to the Client and Final Invoice raised.