Prototype

Make dosage dosing screens prototype

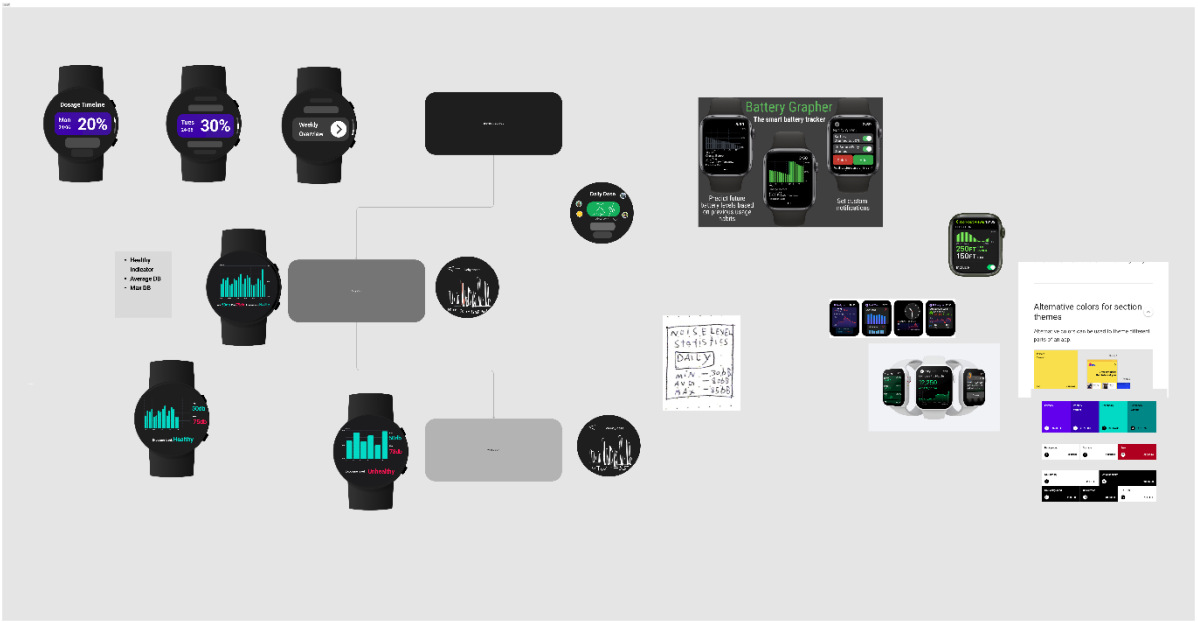
Question: How can valuable insights be presented to the end users?

Method: Prototyping

Why: It serves as a tool to visually represent and assess the arrangement, functionality, and user experience of the user interface.

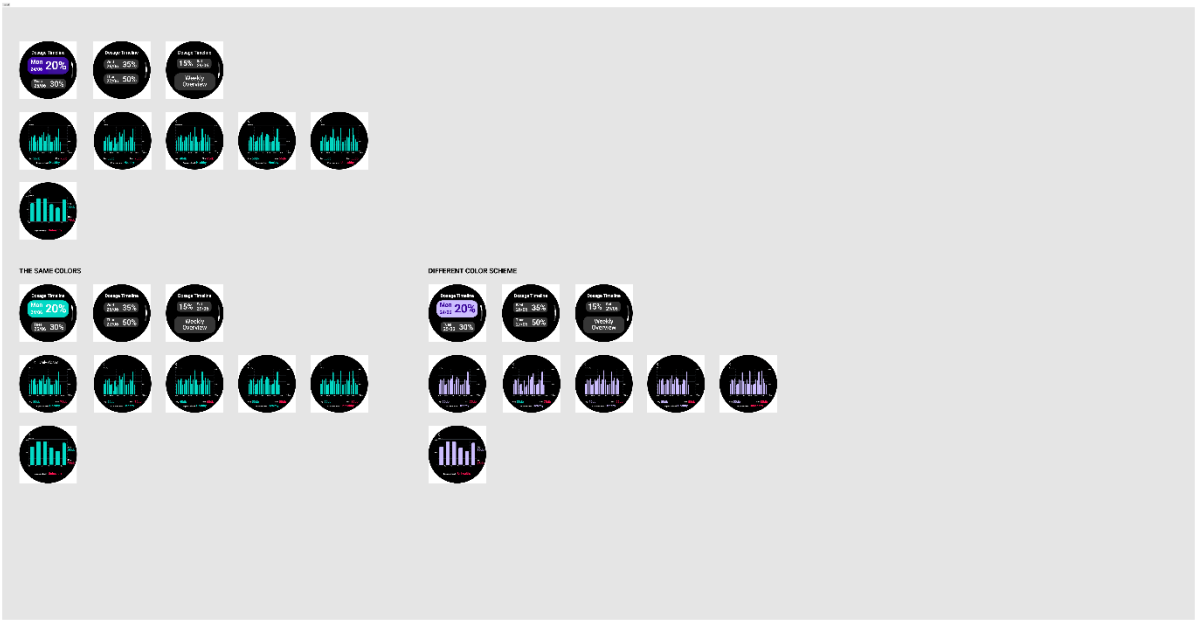
How: The dosage timeline screen holds significant importance in the overall user interface data design. By incorporating feedback and observations from peers, I iteratively improved its elements. Notably, I refined visual components, adjusted colors to match the context (the violet stands for healthy sounds and red for hazard), and introduced icons and labels to enhance clarity for users. These iterative enhancements ensure that the prototypes effectively communicate valuable insights and deliver an intuitive and captivating user experience.

Results first Iteration number 1:



(Figure 1) Iteration number 1

Results first Iteration number 2:



(Figure 2) Iteration number 2

Results first Iteration number, 3 final one:

Conclusion:

This process highlights the importance of iteratively refining design concepts to meet the specific requirements of the target audience. By employing an iterative design process, we were able to gather feedback at each stage and incorporate it into the development of the home screen prototype. The final iteration of the prototype successfully achieved a balance between visual appeal and functional usability. Furthermore, I am planning to conduct user testing on the sixth iteration to determine which version is preferred by users.

Final Prototype

Question: How can valuable insights be presented to the end users?

Method: Prototype

Why: It serves as a tool for visualizing and evaluating the layout, functionality, and overall user experience of the user interface.

How: During the design phases, I actively engaged in collaborative efforts with the team to merge and harmonize the prototypes into a cohesive final prototype. I provided valuable assistance and guidance, creating scrollable animation as well as clickable one. (Figure 1)

(Figure 1) Clickable prototype

(Link to the prototype)

Conclusion:

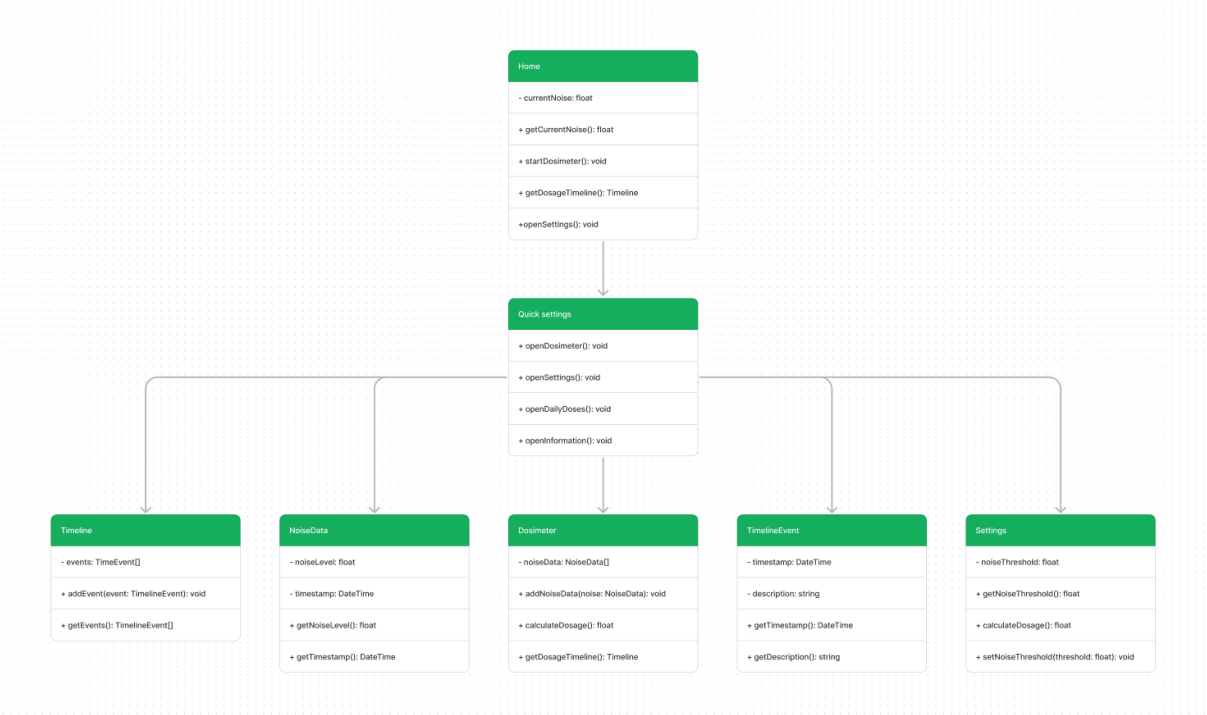
Throughout the design process, our collective efforts led to the creation of the final prototype, which embodies the culmination of previous steps. By refining design concepts, we ensured that the prototype effectively addresses the requirements of the target audience. Collaborating closely with the team during the design phases, we successfully merged the individual prototypes into a seamless and integrated final version. The implementation of a design system played a vital role in maintaining consistency throughout the project, enabling us to deliver a cohesive and unified user experience.

UML Diagram

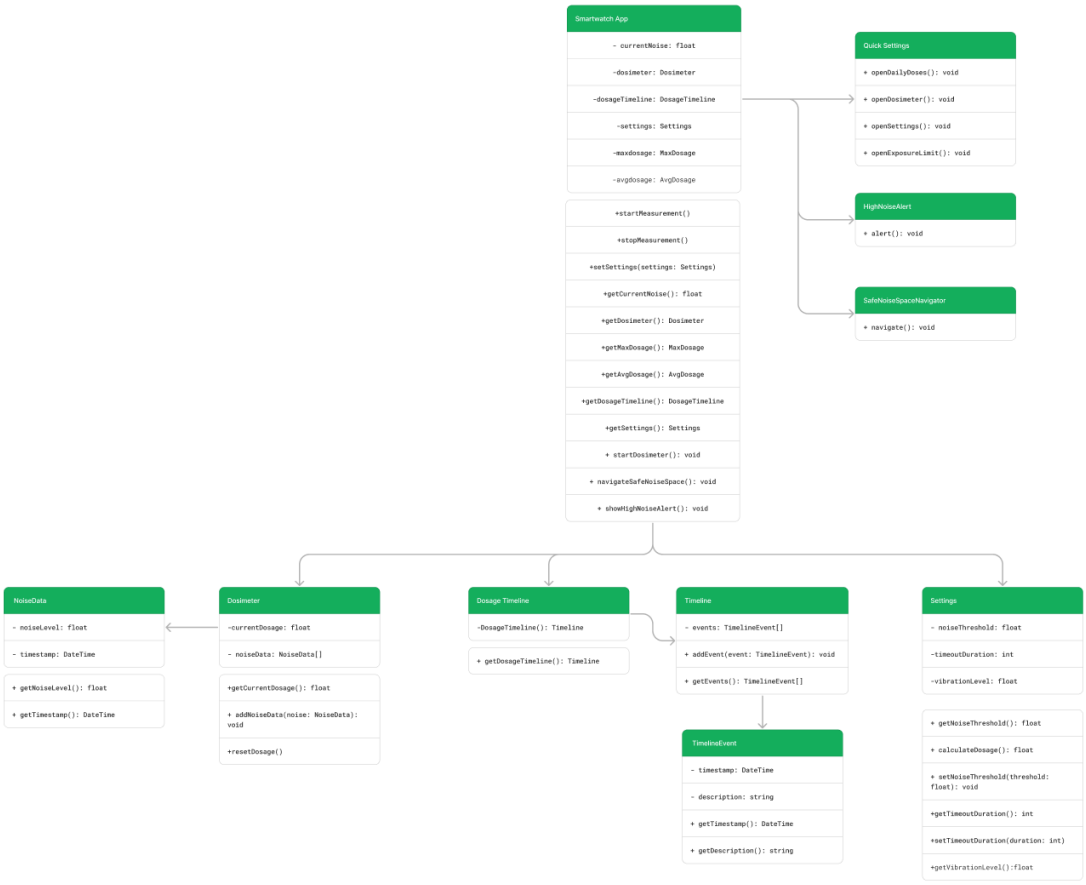
Method: UML Diagram

Why: The UML diagram played a crucial role in visually depicting the software system, offering a schematic representation that served as a blueprint for identifying its components, relationships, and behavior. By using UML, designers, and software developers are able to capture complex ideas and concepts in a clear and concise manner, facilitating effective communication and understanding among team members. The UML diagram served as a valuable tool in the software development process, aiding in the design and implementation of the system.

How: By analyzing the user flow diagrams and understanding the app's features, we were able to identify the key components that would comprise the UML diagram. To ensure accuracy and consistency, I conducted research to familiarize myself with the symbolic structure of UML, including the meaning of symbols such as the plus and minus signs used to represent public and private properties. Collaborating with Tanmay and Majid, we individually created our respective UML diagrams and then merged them into a unified representation. This collaborative effort allowed us to leverage our collective knowledge and expertise to create a comprehensive and cohesive UML diagram for the app. (Link to the UML DIAGRAMS)



(Figure 1) Initial UML Diagram



(Figure 2) Final UML Diagram

Conclusion:

In summary, UML diagrams are invaluable tools in the product development process as they serve as visual documentation of the system. They enable us to capture crucial information about the system's architecture, relationships, and behavior with other components. By utilizing UML diagrams, we enhance our understanding of the system and ensure that the final solution aligns with the stakeholders' requirements. These diagrams facilitate effective communication, foster collaboration among team members, and contribute to the overall success of the project.