\*\*Requirement Document : Safetii\*\*

1. Fundamental Requirements\*\*

1.1 User Registration and Profile Management

- Users should be able to register and create a profile on the platform.

- The registration process should require basic information such as name, email, and password.

- Users should have the option to provide additional details such as their skills, experience, and areas

of interest.

- Users should be able to update their profile information and manage their account settings.

1.2 Content Management

- The website should support the creation, editing, and deletion of various types of content (e.g.,

posts, images, videos).

- Users with appropriate permissions should be able to publish and manage content.

- Content should be organized into categories or tags for easy navigation and searchability.

Search Functionality:

1.3 Interaction and Communication

- Users should have the ability to interact with each other through comments, likes, or other forms

of engagement.

- The website may include messaging functionality to enable direct communication between users.

1.4 E-commerce (if applicable)

- If the website involves e-commerce, it should support product listings, shopping carts, and secure

online payment processing.

- Users should be able to browse products, add items to their cart, and complete transactions.

1.5 Responsive Design

- The website should be accessible and usable across different devices and screen sizes (e.g.,

desktops, tablets, mobile phones).

- The design and layout should be responsive, adjusting appropriately to fit various resolutions.

1.6 Performance and Scalability

- The website should be optimized for performance to ensure fast loading times and smooth user

experience.

- It should be designed to handle a growing number of users and content without significant

performance degradation.

2. Product Backlog\*\*

Period Tracker: Provide a user-friendly interface for women to track their menstrual cycle, including

start and end dates, symptoms, and mood. This can help women plan and manage their menstrual

health effectively.

Emergency Calling System: Offer a quick and easy way for users to call for help in case of an

emergency, such as a panicbutton or a dedicated emergency hotline. This feature can provide a

sense of security and assurance for women facing unsafe situations.

Availability of Hospitals: Include a directory of hospitals and healthcare facilities that specialize in

women's health, including gynecologists, obstetricians, and other relevant specialists. This can help

women locate nearby healthcare resources in times of need.

Communities and Discussion Forums: Create a platform for users to join communities based on

their preferences and interests related to health, wellness, and women's issues. This can foster

support, information-sharing, and empowerment among users.

Chatbot with OpenAI API: Utilize OpenAI's API to develop a chatbot that can identify and provide

preliminary guidance on common health issues. Users can input their symptoms, and the chatbot

can offer advice on self-care or when to seek professional medical help, acting as a virtual first aid

resource.

User-Friendly Interface: Design the website with a user-friendly interface that is easy to navigate,

visually appealing, and accessible on various devices, including desktops, tablets, and mobile

phones. This can enhance the overall user experience and encourage more women to utilize the

website's features.

3. Workflow Diagram\*\*

Login Screen ----> Main App Screen ---> | Women Period Tracker |

+--> | Emergency Calling |

+--> | Availability of hospitals and healthcare provider |

+--> | Communities and discussion form|

+--> | Chatbot with chatgpt|