Minimum Viable Product Plan Vision & Justifications

Product Vision

Instructions for the Product Vision: Create a vision for the product. The vision should include the intended target market or population and the outcome you are attempting to achieve.

Product Vision	Tracking the spread of infectious disease and informing to US citizens as soon as possible

Product Roadmap

Instructions for the Product Roadmap Justifications: After creating the product roadmap, choose 1 feature in each phase and provide a simple justification for placing that feature into the phase that you put it in.

Phase	Feature	Justification
1	Basic Dashboard with heatmap display	The main purpose of the product is tracking and informing users about viruses => Map display is the most critical feature. This is the core functionality, there is no other feature done without it.
2	Authentication: Login + Logout	This feature could help the backend system identify users by ID => Provide data for tracking disease. Other features could be implemented after that.
3	Mobile Application (ios + android)	Because of the global spread of virus, this feature would supply exactly the location of patient as soon as possible (may be realtime)
4	In-app messaging (doctors and users)	Allowing patients to chat with doctors from wherever they can not go to the hospitals or check on the received treatments.

MVP User Story

Instructions for the MVP User Story Justification: Pick one user story in the MVP and justify why that user story belongs in the MVP. Then pick one user story that is **not** in the MVP and justify why that user story doesn't belong in the MVP

Included in MVP	User Story	Justification for Including or not including the user story in the MVP Plan.
Yes	As a CDC member, I can see the number of patients and places that are reported, so that I can analyze the status of disease	This user story points out that the most significant function of the application and the highest value that the application brings is counting the positive patients and their locations in order to analyze the outbreak. Without this functionality, the application becomes useless.
No	As a user, I can upload my avatar by myself so that I can have a super personal profile.	This function could improve user satisfaction when using. So, it does not belong to the MVP version

Sprint Scenario

Instructions for the Sprint Scenario Responses: *After completing the Release and MVP Plan, provide a simple explanation for adjustments that the team would likely take given the different unexpected sprint interruptions provided below.*

Sprint	Scenario	Response
1	One of the user stories has a dependency on another system that won't be available until the next sprint. What should the team do about this user story?	The team should put this story into the backlog again. The product owner will choose when putting the story in a next sprint, if that the other system is available.
3	A software engineer is sick and will miss most of the sprint. What should you and the team do to account for their absence?	The team should put back his tasks into the backlog followed by the lowest priority story / stories. In case they are able to complete the assigned stories sooner they can always take those stories from the backlog.