Minimum Viable Product Plan Vision & Justifications

# Product Vision

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

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| **Product Vision** | Bringing the world together to fight against this disastrous virus outbreak and to help everyone get proper timely treatment with the help of IT, because “EVERY LIFE COUNTS” |

# Product Roadmap Justifications

*Instructions: 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.*

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| **Phase** | **Feature** | **Justification** |
| 1 | Initial Architecture/Database Setup & Design | This feature is to be completed in phase one itself because the initial architecture or the database setup and design can be considered as building block or stepping stone. These are the main pillars of the whole application therefore to be created in the very first stage itself. None of the data storage functionality will work without the base architecture or database setup. |
| 2 | Develop iOS Compatible Mobile App  Develop android Compatible Mobile App | Developing iOS or android application are important but not as much important than a running web portal first. If we have a working web application that’s sufficient for initial stage and can be considered as a product. Also, if we have a working web application, the pre-created database can be used easily to integrate with android/iOS application, therefore this can be considered to be a part of phase 2. |
| 3 | Security Update | Security is a major concern, by the time phase 2 is launched and we have up and running web, Android and iOS application in the market, we are open to all types to threat in our application. So, phase 3 seems to be perfect to launch new security updates by considering all the issues, bugs and errors we faced after phase 2. Therefore, this feature is absolutely in the right place. |
| 4 | Mobile App User Interface Refinement | Like this is the least important feature of all the stated features as a basic User Interface is sufficient until it serves the purpose clearly. As this is an additional feature or Addon. Therefore this is least prioritized work right now to make a very interactive user interface. |

# MVP User Story Justification

*Instructions: 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.*

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| **Included in MVP** | **User Story** | **Justification for Including or not including the user story in the MVP Plan.** |
| Yes | As a CDC Official I can view the number of patients that have reported testing positive so that so that I can analyze the outbreak. | Clearly this is the main purpose of the application, i.e. to monitor the virus outbreak, analyze the infected people and to provide them with necessary treatment and hospitality. So, if we do not include this feature in MVP then whole purpose of developing the application is wrong. |
| No | As a Healthcare Company I can download sale/order report so that I can keep record of accounts. | This feature is the least prioritized user story. Like this is simple addon for the healthcare company and can be added at last. If due to workload we are not able to implement this feature, the purpose of application is not affected. Also, this user story is only enabling healthcare to download the reports while if that is not fulfilled till MVP, He still can see the reports on application in view mode. |

# Sprint Scenario Responses

*Instructions: 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.*

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| **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? | If this type of situation arises what we can do is instead of working on that user story we will pick another user story from the next sprint that have same number of points or nearby and will replace that with this user story. Improvisation is an important aspect of Agile and this can be implemented here clearly. |
| 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? | As you can clearly see, In our sprint chart- sprint 3 contains various technical works , what we will be doing is arranging a temporary resource as soon as possible and try to divide workload between the team in such a way that when the software engineer is back from his sick leave he can easily cope up with the leftovers (if any).I will try to figure out the rest teams schedule and allot them small chunks of work so as this doesn’t interfere in their original work, |