**Project requirements**

|  |  |
| --- | --- |
| Name: | DHAVAL BHAILALBHAI PATEL |
| Community (UN SD goal): | Goal 6 - Clean Water and Sanitation  Goal 3 - Good Health and Well being  Goal 11 - Sustainable Cities and Communities  Goal 17 - Partnerships for the goals |
| Date: | 17th May 2021 |

|  |  |
| --- | --- |
| **Project Name** | Solving water crisis in Tanzania – project Poseidon |
| **Functional Requirements** | |
| * The ability to predict if the water pump is functional or not * Able to view the spatial plot of all the water pump * User can login into chat forum or anonymous chat option * Home page to group important content * Chat forum to provide platform for discussion on water crisis | |
| **Technical/Performance Requirements** | |
| * Python + Django for creating the prediction platform * WordPress for creating discussion forum * The chat can be asynchronous – database required * Prediction tool should provide low latency and predicted results should be reasonable accurate | |