**Name of Product: Predictify**

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**Introduction**

Predictify is an application used to predict the likelihood of future health issues. Using data collected by kaggle it will determine specific risk factors that can affect an individual's health in the future.

**In Scope**

Features of the application will let you login with an email and password, or with other social media logins such as twitter, google, and facebook.

**Out of Scope**

Out of scope features, functional or non-functional requirements of the software that will not be tested

**Quality Objective**

Overall objective that plan to achieve without testing

Ensure the Application Under Test conforms to functional and nonfunctional requirements

Ensure the AUT meets the quality specifications defined by the client

Bugs/issues are identified and fixed before go live

**Roles & Responsibilities**

Below are the roles & responsibilities of different team members

| **Roles** | **Team Members** | **Specific Responsibilities** |
| --- | --- | --- |
| Application Development | Anishaa | Native or Hybrid Application Development  Unit Testing  Git Code Approvals |
| UI Development | Fathima | Development UI Screens |
| Product Management | Kiruthika | Tello Board Management  Daily Scrum Meeting |
| Database Design & Optimization | Ahmed | Collect Data  Clean and Create Dummy Database |
| Algorithm Development | Alexander | Node JS Algorithm extended as Rest API  Algorithm basic predictions and added into database |
| IOT Devices | Nitha | Connect other devices using their APIs  Create external devices data to database  Machine Learning methods |
| Testing & Test Automation | Erin | Native Application testing  Test Plan  Test Cases  Automation Testing |
| Marketing & Customer Communication | Srithar | Explore funding options  Explore hackathons and meetings |

**Test Methodology**

**Overview**

Using data collected from websites to help predict a person’s health. Specific data collected from

WHO

Kaggle

Flutter

Python

**Test Levels**

In Progress

**Bug Triage**

In Progress

**Suspension Criteria & Resumption Requirements**

If any of the major functionalities are not functional or the system experiences login issues then testing should be suspended.

**Test Completeness**

In Progress

**Test Deliverables**

All the test artifacts that will be delivered during the different phases of the testing

Test Plan

Data Collection

UI login and Application program

Algorithm testing

IOT testing

Test Cases

Bug Reports

Customer Sign off

**Resources & Environment Needs**

**Testing Tools**

Make a list of tools required to test the project

|  | **Tool** | **Version** |
| --- | --- | --- |
| Project Management |  |  |
| Performance Test |  |  |
| Functional Testing |  |  |
| Case Testing | Android Studio | Arctic Fox 2020.3.1 |
| Design Test |  |  |
| Other Testing tools |  |  |

**Test Environment**

Hardware/ Software used for application

| **Name of Device** | **OS** |
| --- | --- |
| iPhone Devices | Supports latest\* double check |
| Android Devices | Supports latest\* double check |