

A blue water bottle with a black cap is placed on a dark wooden slatted surface. The background shows a tropical beach scene with turquoise water, a white sailboat on the horizon, and a cloudy sky. A semi-transparent black rectangle is overlaid on the left side of the image, containing white text.

# Aqua Tracker

## CPAD Assignment

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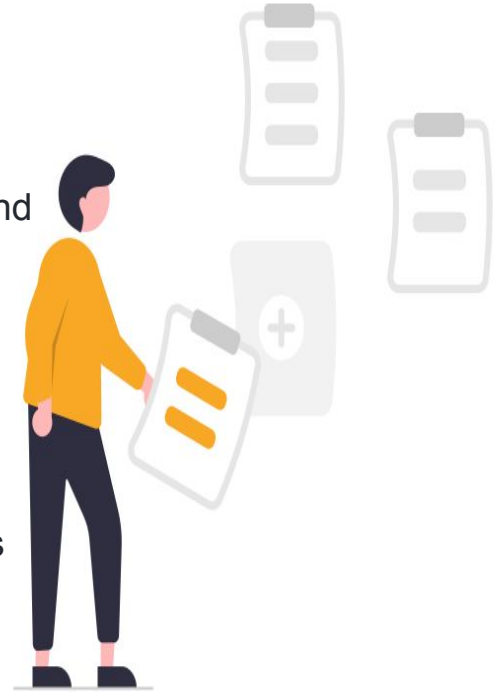
2020SP93065 (Pawan Rathi)

2020sp93074 (Richa Gupta)

2020sp93063 (Vishali Seth)

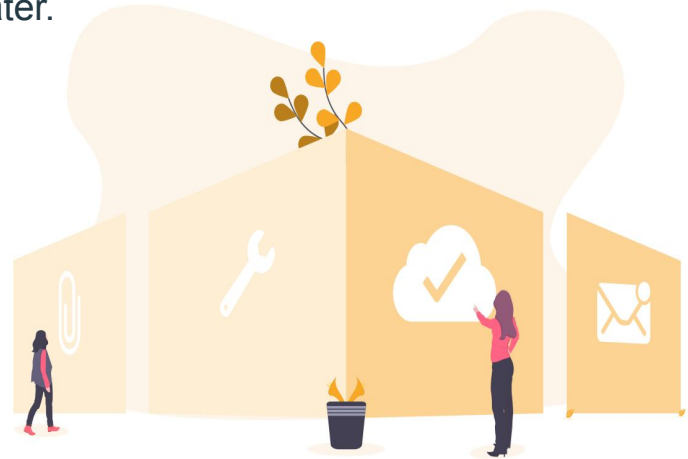
# Introduction

- AquaTracker is a flutter App built using Firebase.
- This will help you to keep track of your daily water intake and remind you to drink water by sending notifications on a regular basis.
- In this app user have to sign-in and fill their basic details, useful for users who want to stay hydrated.
- It has graph visuals and easy to use user interface. It offers user interactive hydration experience.



# Features

- Remind you to drink water and periodic notification according to daily goal.
- By providing your basic details (eg. height, weight), you can get your recommended daily water intake.
- Makes sure you consume your daily intake of water.
- Create/Update your profile
- Statistics Page to track your intakes
- Shows you weather details of your location.
- Google Sign In



# Tech Stack

- **Firestore:** Firestore is a Google-backed application development software that enables developers to develop IOS, Android and web apps.
- **Flutter:** Flutter is an Open source UI SDK used for developing cross platform applications
- **Dart:** An Open source client side programming language.
- **Cloud Firestore:** Cloud Firestore is a NoSQL document database that lets you easily store, sync and query data for your mobile and web apps. This is used to store users list and Notes data.



# Deployment

- **Firestore Hosting** provides fast and secure hosting for web app, static and dynamic content, and microservices.
- This hosting service is used because it :
  - Serve content over a *secure* connection.
  - Host *static* and *dynamic* content plus microservices
  - Deliver content fast
  - Emulate and even share your changes before going live
  - Deploy new versions with *one command*



Thank  
You