Concept of Operations (ConOps)

# 1.0 Introduction

## 1.1 Project Description

The main purpose of the project is to help people to manage the amount of water they need to consume during the day. *The project will help people to compute the amount of water they need to drink during the day according to their weight, age, etc.*

### 1.1.1 Background

*Most part of people is not aware of what amount of water they need to drink in order to be hydrated. Hydration is critically vital for human health and sometimes the neglect of that fact can be the main cause of health-related problems.*

### 1.1.2 Assumptions and Constraints

There are no such technologies that can distract the development of the project because water is a crucial part of our life and related to human health. Thus, there are no ways to change the role of water, the usage of water is indispensable.

## 1.2 Overview of the Envisioned System

*The finite application will be beautifully designed and easily used by the people who will download it.*

### 1.2.1 Overview

*The application will have pictures and daily readings for people about the new discoveries in the field of staying fit and healthy by simply drinking water, natural juices, etc. Also, the application will have a default calculator which will help people to count the necessary amount of water needed.*

### 1.2.2 System Scope

*The system will enable the users to search for the needed scientific information on a data basis which will be in the application .*

# 2.0 Documents

## 2.1 Applicable Documents

Our project needs pictures, videos, and other media or reading materials to show the importance of water usage. Also, there will be materials, which show the problems caused by insufficient water usage.

## 2.2 Reference Documents

[*https://www.goodhousekeeping.com/health/diet-nutrition/a46956/how-much-water-should-i-drink/*](https://www.goodhousekeeping.com/health/diet-nutrition/a46956/how-much-water-should-i-drink/)

[*https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2908954/*](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2908954/)

# 3.0 Description of Envisioned System

## 3.1 Needs, Goals and Objectives of Envisioned System

*This section describes the needs, goals, and objectives as expectations for the system capabilities, behavior, and operations. It may also point to a separate document or model that contains the current up-to-date agreed-to expectations.*

The need is to provide people with the necessary information for staying hydrated and healthy. The goal of the project is to keep people informed about the amount of water they need to drink during the day. The objectives will be to decrease many health problems caused by the scarcity of water in the human organism.