**GREEN APPLE**

**Food Recommendation App**

**Description**

Green Apple is an application that gives users an idea about meeting their weight goals by recommending meals. It enables a user to input his/her weight and height to calculate their BMI. The application will analyze the user’s data and recommend meals depending on this data.

1. **Actor**

An entity that performs a role in a given system

1. **System**

Defines the scope of the use case. It sets the boundary of the system in relation to the actors who use it and the features it must provide.

1. **Use Case**

Identifies a key feature of the system, which fulfill the actor requirements.

1. **Association**

Identifies an interaction between actors and use cases.

1. **Dependency**

Identifies a communication relationship between two use cases.

1. **Generalization**

Defines a relationship between two actors or use cases where one use case inherits and adds to or overrides the properties of the other.

1. **Initial state**

The starting stage before an activity takes place.

1. **Final state**

The state which the system reaches when a specific process ends.

1. **State or Activity box**

The current condition of an object.

1. **Decision box**

Represents a decision with alternative paths.

1. **Action Flow**

Shows the transition from one activity state to another.

1. **Fork**

1. **Join**

Support concurrent activities converging into one.

1. **Merge**

Used when activities which are not being executed concurrently have to be merged.