

**Domain:** software system for a water dispenser

**Definition:** store and filter water to be cooled or heated

**Requirements:**

- Manage large quantities of water
- Control the water's temperature

**Functional:**

1. Cool or heat water to the specified temperature
2. Display screen for water temperature
3. Control temperature through keypad
4. Manage the amounts of water in the partitions of the dispenser
5. Sensor for water temperature to cool or heat when needed

**Non-functional:**

1. Manage the power cut incidents
2. Immediate response
3. Quick cooling or heating
4. Periodic cleaning of partitions

**Main viewpoints:**

1. Technician
2. User

**•Technician viewpoint:**

**-Data provided:**

- date of maintenance
- testing results