|  |  |
| --- | --- |
| **Class Name:** Map | |
| **Description:** Class used to generate maps in the user interface | |
| **Contracts:**  12. Draw map  -Display the campus map  **Responsibilities:**  - Draw map | **Collaborations:**  Graphic  Interface  Map Graphic (13) |
| **Comments**  Will implement by using Google maps API | |

|  |  |
| --- | --- |
| **Class Name:** Mobile Interface | |
| **Description:** Handles the dynamic data requests between mobile user and the system | |
| **Contracts:**  **Responsibilities:**  - Display Mobile Interface | **Collaborations:**  Tech Interface |
| **Comments:**  Requires successful login by user with technician credentials | |

|  |  |
| --- | --- |
| **Class Name:** Public Interface | |
| **Description:** Handles the dynamic data requests between the general user and the system | |
| **Contracts:**  **Responsibilities:**  - Display Public Interface | **Collaborations:**  Interface |
| **Comments:**  None at this time | |

|  |  |
| --- | --- |
| **Class Name:** Reading | |
| **Description:** Representation of a consumption reading generated from a sensor | |
| **Contracts:**  8. Read data from sensors  -Get sensor data  -Record sensor data  -Calculate consumption for sensor  **Responsibilities:**  - Calculate Consumption  - Store Reading | **Collaborations:**  Sensor (9) |
| **Comments:**  Known attributes: Data, and Timestamp | |