**2.0. Overall Description**

**2.2 Use Case 2: Weekly Menu**

* **Description**

A student selects ‘Weekly Menu’. The application presents meal menus of now opened cafeterias. The student can select another day of week. The student can select another mealtime (‘Breakfast’, ‘Lunch’, ‘Dinner’) on weekdays. The student can select another meal type (‘Korean’, ‘Western’, ‘Snack’) on ‘Food Court’. The student can see only current week’s menu.

* **Use Case Diagram**



**3.0. Requirements Specification**

**3.6 Use case 6: Weekly Menu**

**3.6.1 Functional Requirement 1: Enter ‘Weekly Menu’.**

|  |  |
| --- | --- |
| Function name | Enter ‘Weekly Menu’ |
| Goal in context | Student see the menus of current week. |
| Trigger | Student clicks ‘Weekly Menu’ button. |
| Precondition |  |
| Basic Path | 1. The student sees day of week buttons, and default selection is current day of week.  2. The student sees mealtime buttons, and default selection is current mealtime. 3. The student sees meal type buttons at ‘Food Court’ panel, and default selection is ‘Korean’.  4. The student sees meal menus of cafeterias which are opened at the selected day of week and mealtime and meal type. |
| Alternative Paths | In step 1, if the selected day of week is weekend, the student doesn’t see mealtime buttons at step 2 and the student doesn’t see meal type buttons at step 3. |
| Postcondition | 1. The student sees meal menus of cafeterias which are opened at current time. 2. The student should be able to select another day of week, mealtime and meal type buttons. |

**3.6.2 Functional Requirement 2: Select day of week.**

|  |  |
| --- | --- |
| Function name | Select day of week |
| Goal in context | Student see menus of cafeterias which opened at selected day of week. |
| Trigger | Student clicks a day of week button. |
| Precondition | ‘Weekly Menu’ page is opened. |
| Basic Path | 1. Student selects a day of week. 2. Student see ‘Breakfast’ menus of opened at the selected day of week. 3. Student see ‘Korean’ menus at ‘Food Court’ panel. |
| Alternative Paths | In step 1, if selected day is weekend, then the student see menus of entire mealtime of ‘Dormitory Cafeteria’ only. |
| Postcondition | The application presents meal menus of cafeterias which are opened at the selected day of week. |

**3.6.3 Functional Requirement 3: Select mealtime.**

|  |  |
| --- | --- |
| Function name | Select mealtime |
| Goal in context | Student see menus of cafeterias which opened at selected mealtime. |
| Trigger | Student clicks a mealtime button. |
| Precondition | 1. ‘Weekly Menu’ page is opened. 2. Weekday selected. |
| Basic Path | 1. Student clicks a day of week button. 2. Student see menus which cafeteria opened at the selected day of week and selected mealtime. |
| Alternative Paths |  |
| Postcondition | The application presents meal menus of cafeterias which are opened at the selected day of week and mealtime. |

**3.6.4 Functional Requirement 4: Select meal type.**

|  |  |
| --- | --- |
| Function name | Select meal type |
| Goal in context | Student see selected meal type menus of ‘Food Court’. |
| Trigger | Student clicks a meal type button. |
| Precondition | ‘Weekly Menu’ page is opened.  Weekday is selected. |
| Basic Path | 1. Student selects a meal type at ‘Food Court’ panel. 2. Student see selected meal type menus at ‘Food Court’ panel. |
| Alternative Paths |  |
| Postcondition | The application presents the selected meal type menus of ‘Food Court’ panel. |

**3.6.5 Functional Requirement 5: Change cafeteria preference order.**

|  |  |
| --- | --- |
| Function name | Change cafeteria preference order |
| Goal in context | Student changes the order of cafeteria preference and see the menus order by preference. |
| Trigger | Student starts dragging or long press a panel of cafeteria. |
| Precondition | 1. ‘Weekly Menu’ page is opened. 2. A weekday selected. |
| Basic Path | 1. Student starts dragging a panel of cafeteria. 2. End of dragging, the student’s cafeteria preference is changed order by top-down position of panels. |
| Alternative Paths | In step 2, if the position doesn’t changed, then the preference will not change. |
| Postcondition | The database updates the preference of the student and the application presents cafeteria panels order by the updated preference. |

**3.6.5 Non-Functional Requirements**

* **User Interface**

