

Scope: SuperShine car wash application.

Level: User goal

Primary Actor: Customer

Secondary Actor: Owner

Main success scenario:

1. Customer inserts card into washmachine (Types card id).
2. The machine displays the main menu options.
 1. Wash Car.
 2. Check amount left on card.
 3. Recharge card.
 4. Expel card.
3. Customer picks wash car.
4. Machine displays the different wash types.
 1. Economy
 2. Standard
 3. De Luxe
5. Customer picks a wash type.
6. Machine asks if the customer wants a receipt.
7. Customer answers no.
8. Machine washes the car.
9. Returns to main menu.

Extensions (or Alternative Flows):

- a) At any time the customer can type in an invalid input:
 1. The machine notifies the user that the input is invalid and asks for a new input.
- b) Customer answers yes to receipt (Step 7. of main success scenario):
 1. Machine performs step 8. prints receipt and then step 9.
- c) Customer buys a car wash on a weekday before 2:00 pm:
 1. Machine displays early bird discount on economy and standard wash types.
 2. This is also displayed on the receipt if the customer wants one.
- d) Customer picks 'check amount left on card' in step 2.
 1. Machine displays card info.
 2. Machine prompts the customer to press Enter to return to main menu.
- e) Customer picks recharge card.
 1. Machine prompts the user to type an amount between 0-1000.
 2. Repeat previous step until entered amount is in the valid range.
 3. Machine inserts amount on the customers card.
 4. Machine displays card info.
- f) Customer picks expel card.
 1. Machine expels the card.
 2. Displays 'Good Bye'.
 3. Machine is now ready for a new customer and waits for an id to be typed.

Admin mode:

1. The machine is booted in 'admin' mode.
2. The machine displays the admin menu.
 1. Show all data.
 2. Show sales statistics.
3. Owner picks show all data.
4. Machine displays all data.
5. Prompts owner to press Enter to return to admin menu.

Alternative paths in admin mode:

1. Owner picks show sales statistics.
2. Machine displays sales statistics.
3. Prompts owner to press Enter to return to admin menu.