

FURPS+

**Functional—features, capabilities, security.**

- Oprette washcard
- Opfyldning via cash
- Kunne fratrække vaskepris fra kundens washcard.

**Usability—human factors, help, documentation.**

- Nem betalingsmåde
- Hurtig betjening

**Reliability—frequency of failure, recoverability, predictability.**

- Tilgængelig 24/7
- Washcard uendeligt antal brug

**Performance—response times, throughput, accuracy, availability, resource usage.**

- Flydende respond(input), samme hastighed på alle sider på skærmen.

**Supportability—adaptability, maintainability, internationalization, configurability.**

- Koden skal kunne ændres i forskellige programmeringssprog
- Skal være optimeret til at køre på kendte Operativ systemer.
- Fungere på forskellige displays/resolutions.

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**Implementation requirements**

- Kun engelsk sprog tilgængeligt

## **Use Cases:**

### **Actor: Customer**

#### **Scenario: Buy Washcard.**

Customer wants to wash his car at his local gas station. In order to wash his car, he is required to buy a washcard. The cards require an upfront payment of 200dkk, up to 2000dkk to start with.

alternative Flows:

1. If the gas station is closed, the customer will be unable to purchase a washcard with cash, as the cash register is closed.
2. If customer does not have sufficient balance on credit card etc. The screen will prompt "Insufficient balance"

### **Actor: Customer**

#### **Scenario: Check Balance**

Customer enters account information, when washcard has been inserted into the machine. Customers enters the number to check balance. Where as balance is showed.

### **Actor: Customer**

#### **Scenario: Wash car**

Customer wants to wash his car. Once balanced is in order, they may order a wash for their vehicle..

Alternativ flow: If gas station is out materials required, a display will tell the customer to come back another time.

### **Actor: Customer**

#### **Scenario: Washcard recharge**

Returning customers with a cash balance at 200 or less, are required to refill their washcard. Customer refills Washcard, using creditcard/mobilepay/cash, from intervals 200-2000dkk.

**Actor: Customer**

**Scenario: Print receipt**

User wants to print out a receipt, to see recent actions. This includes balance left, price for service and owner of Washcard.





