Project Scenario:

**Problem statement**

“Rose Valley” is well known movie rental franchise cooperation. Facing the emergence of the internet, they want to integrate their rental places into a web-portal. Customers shall be able to rent and buy movies online in this portal as well as reserve them in a store nearby. An existing customer has a single id and password across all RV stores. This id shall also be used for the login at the web portal. A new customer has to register at a RV store. RV also wants to introduce a customer mail delivery service. The RV central storage facility already features an interface for mail delivery requests by the stores.

**Scenario 1a**

Faisal wants to rent “Real Steel” from the RV store around the corner, but doesn't want to go there unless it’s available.

* Faisal logs into the web portal
* He enters “Real Steel” into the search box and hits enter
* The web portal presents a couple of results, the first of which is the movie Faisal is looking for
* Faisal selects the movie
* The web portal shows him the movie's details and its availability in different stores.
* Faisal sees that the store he plans to visit has a copy left.
* Faisal clicks 'reserve' for his store
* The system confirms the reservation
* Faisal goes within the reservation period to the store to pick it up
* The RV store manager hands out the copy and checks out the copy from the system

**Scenario 1b**

The desired movie is not available

* (same as 1a)
* The web portal shows him the movie's details and its availability in different stores.
* Faisal sees that the store he plans to visit has no copies left.
* Faisal decides that he wants to be informed when a copy of the movie becomes available at his store and selects an appropriate button.
* Faisal will receive an email to his registered email-address when the movie becomes available again in this store

**Scenario 1c**

Faisal forgets to fetch the movie from the store

* (same as 1a)
* The system confirms the reservation
* Faisal forgets about his reservation and does not visit the store within the reservation period
* The system deletes Feisal’s reservation after the reservation period passes

**Scenario 2a**

It's raining, so Aneela doesn't want to leave the house to rent a movie. Last time she was at an RV store she heard that she can use her existing account to watch movies online, so she decides to give it a try.

* Aneela logs into the web portal
* She likes action movies, so she selects the “Action” category
* The system shows her a list of the latest available action blockbusters
* “Crank 2” picks her interest, so she selects it.
* The web portal shows her the movie's details and its availability as well as that this movie can be watched online.
* She chooses to view it online.
* The system prompts her for her credit card information
* Aneela enters her credit card information
* The web portal validates the transaction and takes her to the movieplayer
* She clicks “play” and the movie starts playing

**Scenario 2b**

Aneela doesn't want to watch the movie right now.

* (same as 2a)
* Aneela enters her credit card information
* The web portal validates the transaction and takes her to the movie player
* She log off and leaves the computer
* She returns and logs in again
* Since she didn't view the movie, the web-portal greets her with the option to watch her movie now.
* She clicks 'yes' and is taken to the movie player
* She clicks “play” and the movie starts playing

**Scenario 2c**

The weather is great, Aneela decides to watch a movie anyway.

* (same 2a)
* The web portal shows her the movie's details and its availability in different stores and that it is watchable online.
* Aneela hates computers. She decides to rent it from her local RV store.
* Aneela clicks 'reserve' for her store (continues as 1a)

**Scenario 3**

Rashed needs a long time to get to the nearest RV store. This annoys him so he decides to rent his movies online from now. Thanks to our new web portal, he can do that with his existing RV account.

* Rashed logs into the web portal
* He chooses the Anime category
* The system shows him a list of the latest available Animes
* Rashed picks “Totoro” from the list
* The system tells him the movie can be rented by mail.
* Rashed chooses to do so
* The system asks him for his address and credit card information
* He enters the information
* The system initiates the delivery via mail to Rashed

**Scenario 4**

Nitu rented the movie “Far Cry” via mail, just watched it and uses the community function of the web portal to warn others about the movie.

* The Web Portal gives Nitu the opportunity to rate and comment on movies she rented or bought. For this purpose it shows a list of all movies Nitu rented or bought.
* Nitu selects “Far Cry” and enters a short and very clear comment expressing her feelings towards the movie and selects a score.
* The system updates Nitu’s profile and computes based on her changed profile new movie recommendations for her.
* The web portal presents Nitu the recommendations for her.
* Nitu sorts the list by release date and selects “pride and prejudice”.
* The web portal shows her the movie's details and its availability in different stores
* She doesn't want to rent a movie right now and adds it to her wishlist.
* The web portal shows her a confirmation and takes her to her wishlist
* She logs off.

**Scenario 5**

Sara heard on the schoolyard that “the descent” is a brilliant movie.

* Sara logs into the RV web portal
* Sara searches for the movie
* The system shows zero results because the age associated with Sara’s account is below the required age to view this movie.
* There is no way to rent this movie with Sara’s account.

**Scenario 6**

Shermin is bored. She browses randomly through films she might want to watch later.

* Shermin logs into the web portal
* She enters “Blue” into the search box and hits enter
* The web portal presents a couple of results
* Shermin selects the first movie
* The web portal shows her the movie's details and its availability.
* The movie does not seem particularly interesting to her. She returns to the list and selects the second movie.
* The web portal shows her the movie's details and its availability.
* The movie catches her attention and she adds it to wishlist by clicking an appropriate button.
* The web portal shows her a confirmation and takes her to her wishlist
* Shermin returns to her initial search result and selects the third movie.
* The web portal shows her the movie's details and its availability.
* Shermin likes this one too, and she adds it to wishlist by clicking an appropriate button.
* The web portal shows her a confirmation and takes her to her wishlist
* That was enough excitement for Shermin. She logs out.