# Web-app (80 hours)

* As a user, I would like to sort for available houses based on rating. 8 hours.
  + User clicks on table header named rating, and the table updates to show houses sorted by rating.
* As a user, I would like to search for available houses in a city. 4 hours.
  + User enters a city name, and the table of houses updates to show relevant houses.
* As a user, I would like to search for available houses in a specific week. 4 hours.
  + User enters week number, and the table of houses updates to show relevant houses.
* As a user, I would like to search for available houses in a city and a specific week. 4 hours.
  + User enters city and week and the table updates to show relevant houses.
* As a registered user, I would like to add a new house with a picture. 8 hours.
  + User clicks on add new place, a modal appears and the users then enters the place’s information and chooses a picture and presses submit, user can now see his house in the list of houses.
* As a registered user, I would like to edit my house(s). 4 hours.
  + User clicks on my houses and clicks on edit button to edit the specific houses from a list of houses. User can then change picture and all other information.
* As a registered user, I would like to book a house for a week. 8 hours.
  + User clicks book/rent on a relevant house from a list of houses and accepts that he wants to book the house.
* As a registered user, I would like to rate a house. 8 hours.
  + User clicks on rate button and enters a value between 1 and 5 and clicks ok. The Rating is then changed.
* As a registered user, I would like to see my bookings. 8 hours.
  + User clicks on my bookings and sees a list of his booked houses.
* As an admin, I would like to edit the user information. 4 hours.
  + Admin clicks on all users and sees a list of all users, he clicks on edit user and enters information he wants to change and clicks ok. User information is then changed.
* As an admin, I would like to add users with different roles. 8 hours.
  + Admin clicks on add new user and enters the relevant information and selects the role of the user.
* As an admin, I would like to delete houses. 4 hours.
  + Admin clicks the delete button on the relevant house he wants to delete. Place is remove from the list.
* As an admin, I would like to edit houses. 4 hours.
  + Admin clicks on the edit button on the relevant house and changes the relevant info.
* As an admin, I would like to see all bookings. 4 hours.
  + Admin clicks on bookings and sees a list of all booked houses.

# Mobile-app (28 hours)

* As a user, I would like to add a new house with an image. 8 hours.
  + User clicks on add place, user picks a picture and enters relevant info. Place shown in the list of houses.
* As a user, I would like to add a new house with an GPS-location. 8 hours.
  + ???
* As a user, I would like to see all houses with images. 4 hours.
  + User opens app and sees a list of all houses with pictures and relevant info.
* As a user, I would like to search for houses in a city. 8 hours.
  + User enters city and the list of houses updates to show relevant houses.

Total hours: 108.

## Search for available houses in a city.

Primary actor: User.

Pre-condition: City exist, houses exist, and houses are available.

Post-condition: User has successfully found the available places in a city.

Main success scenario:

1. User slowly starts entering desired city into an input field.
2. Table data updates for each entered key.
3. User is done entering city into input field.
4. All available places in the entered city is shown in the table.
   1. If city exist, but there are no available places.
      1. Show message with “no available places in city” in the table once.
   2. If city does not exist.
      1. Show message with “city not found” in the table once.

## Search for available houses in a specific week.

Primary actor: User.

Pre-condition: Houses exist and are available.

Post-condition: Found all places available in the given week.

Main success scenario:

1. User enters week number into specified input field.
2. Table data updates for each entered key.
3. User is done entering week number.
4. All available places for the given week number is shown in the table.
   1. If no places are available for the given week.
      1. Show message with “no available places in week” in the table once.

## Search for available houses by city and week.

Primary actor: User.

Pre-condition: City exist, places exist, and places are available.

Post-condition: Found all available places in a specific week and city.

Main success scenario:

1. User starts entering city into an input field.
2. Table data updates for each entered key.
3. User is done entering city into input field.
4. All available places in the city is shown.
   1. If city exists, but there are no available places.
      1. Show message with no “no available places in city” in the table once.
   2. If city does not exist.
      1. Show message with “city not found” in the table once.
5. User starts entering week number into an input field.
6. Table data updates for each entered key.
7. User is done entering week number into input field.
8. All available places in the city with the given week number is shown in the table.
   1. If no places are available in the given week.
      1. Show message with “no available places in week” in the table once.

## Search for available houses based on rating

Primary actor: User

Pre-Condition: Houses exist and are available and should be rated.

Post-Condition: Houses are sorted by highest rating to lowest

Main success scenario:

1. User clicks on a table header called rating
2. Table data sorts by highest rating to lowest

## Add a new house with a picture

Primary actor: User

Pre-Condition: User is registered and has a picture of his house

Post-Condition: House is added to the table with a picture

Main Success scenario:

1. User logs in
2. User click on add place
3. Modul shows up with input value
4. User fills out input demands
5. User chooses a picture on his drive
   1. Picture is not an image file
      1. User has to chooses picture on his drive again
      2. User has to choose an image file
6. User clicks submit
7. House data and picture shows up in table

## As a registered user, I would like to edit my house(s). 4 hours

Primary actor: User

Pre-Condition: User is registered and user has a house

Post-Condition: The specific data on the house has been changed

Main Success scenario:

1. User logs in
2. User clicks on ‘my houses’
3. User clicks “edit” on a specific house.
4. User changes relevant information on the house.
   1. Wrong datatype for picture.
      1. Message showing user that he must choose a valid datatype for picture.
5. User presses “ok”.
6. House shows up with updated values in my houses and the main house table.

## As a registered user, I would like to book a house for a week. 8 hours.

Primary actor: User.

Pre-Condition: User is registered, house exists, house is not his own.

Post-Condition: Specific house has been book to the specific user, house not available and week number is 1.

Main success-scenario:

1. User logs in.
2. User finds a house from the table.
3. User clicks on book house.
   1. House is his own.
      1. Show message that it is his own house.
   2. User has already booked the house.
      1. Show message that it is already booked.
4. User accepts that he books he house.
5. User clicks on bookings.
6. User sees the relevant house in the table.

## As a registered user, I would like to rate a house. 8 hours.

Primary actor: User

Pre-Condition: User is registered, houses exist, house isn’t his own, hasn’t rated the house before

Post-Condition: Specific house has been rated and is shown on the table

Main success-scenario:

1. User logs in
2. User finds a house that isn’t his own
3. User clicks on rate.
4. Five stars are shown
5. User clicks on the relevant star.
6. Specific house’s rating is changed.

## As a registered user, I would like to see my bookings. 8 hours.

Primary Actor: User

Pre-Condiction: User is registered, user has booked a house, house exists

Post-Condition: User is shown a table with his booked houses

Main-success-scenario:

1. User logs in
2. User clicks on “bookings”.
3. User is shown a table with his booked houses

## As an admin, I would like to edit the user information. 4 hours.

Primary user: Admin

Pre-conditions: User exists, Admin exists

Post-condition: The specific user’s data has been changed.

Main success scenario:

1. Admin logs in.
2. Admin goes to ‘all users’
3. A table shows all users in the database
4. Admin click on edit on a specific user
5. Admin changes the specific chosen data
6. Admin clicks ok
7. Table updates and the user’s data is changed

## As an admin, I would like to add users with different roles. 8 hours.

Primary user: Admin

Pre-Condition: User does not exist, Admin exists

Post-Condition: User is created with a chosen role

Main success scenario:

1. Admin logs in
2. Admin click on add user
3. Admin enters user-info and a role
   1. Mail already is already taken
      1. Show message with cannot create user.
4. Admin clicks ok.
5. User is created and shows up in “all users”.

Outsourced:

* As a user, I would like to search for available houses in a city. 4 hours.
  + User enters a city name, and the table of houses updates to show relevant houses.
* As a user, I would like to search for available houses in a specific week. 4 hours.
  + User enters week number, and the table of houses updates to show relevant houses.
* As a user, I would like to search for available houses in a city and a specific week. 4 hours.
  + User enters city and week and the table updates to show relevant houses.