





Use Cases and Sequence diagrams

 Class	SWE
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 Text	Me

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Instructions:

Write

two of your most important use cases for the system that you're developing.

Use Cases as Somerville says "In their simplest form, a use case identifies the actors involved in an interaction and names the type of interaction. You then add additional information describing the interaction with the system."

1. Use Case 1-

a. Actors:

i. Seller

ii. Potential Buyer & Viewer

b. Once a request is made to upload a listing, if the user is not already logged-in as a seller, they are prompted to log-in using their specific "seller" account credentials or create one. Once a listing is uploaded by a registered "seller" account, the seller may be able to manage their current listings and update any relevant information about a given listing (including, but not limited to: number of beds, number of baths, description, etc.). This information is updated and stored in the database

and the users viewing this information (viewers and potential buyers) may be able to view the updated information whether logged-in as a "buyer" or not (viewer).

- c. A Seller may be able to upload and manage listings. Both a viewer and potential buyer may be able to view said listings. If the seller is to change any of the listing information including description, number of bed and baths, .etc, this information is updated in the database and the viewer and potential buyer may be able to view the updated information.

2. Use Case 2-

a. Actors:

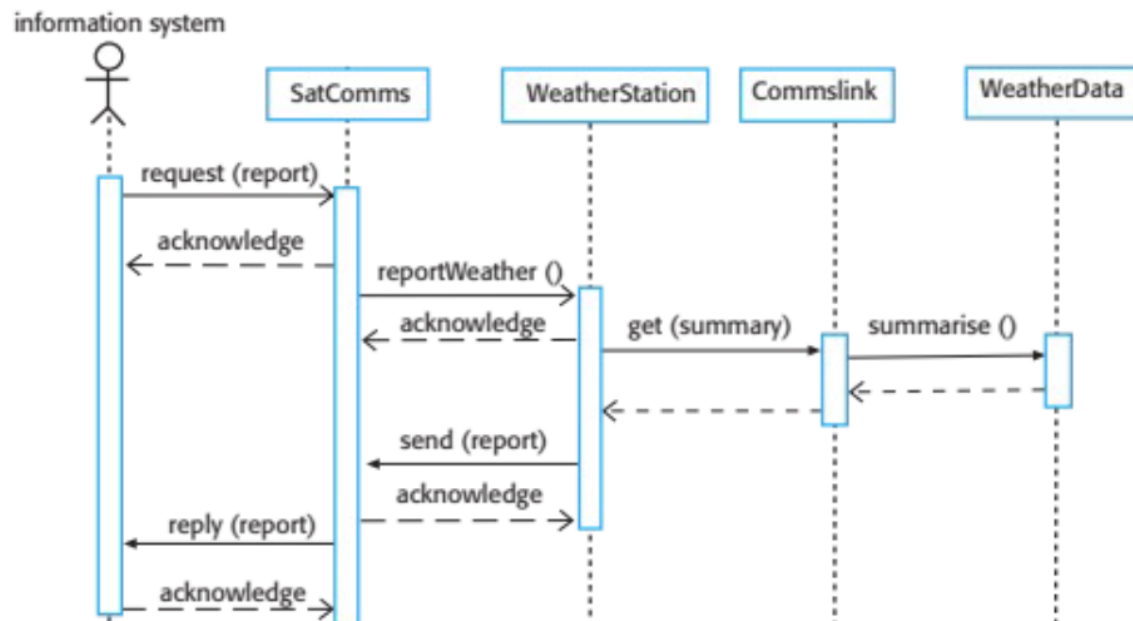
- i. Potential Buyer

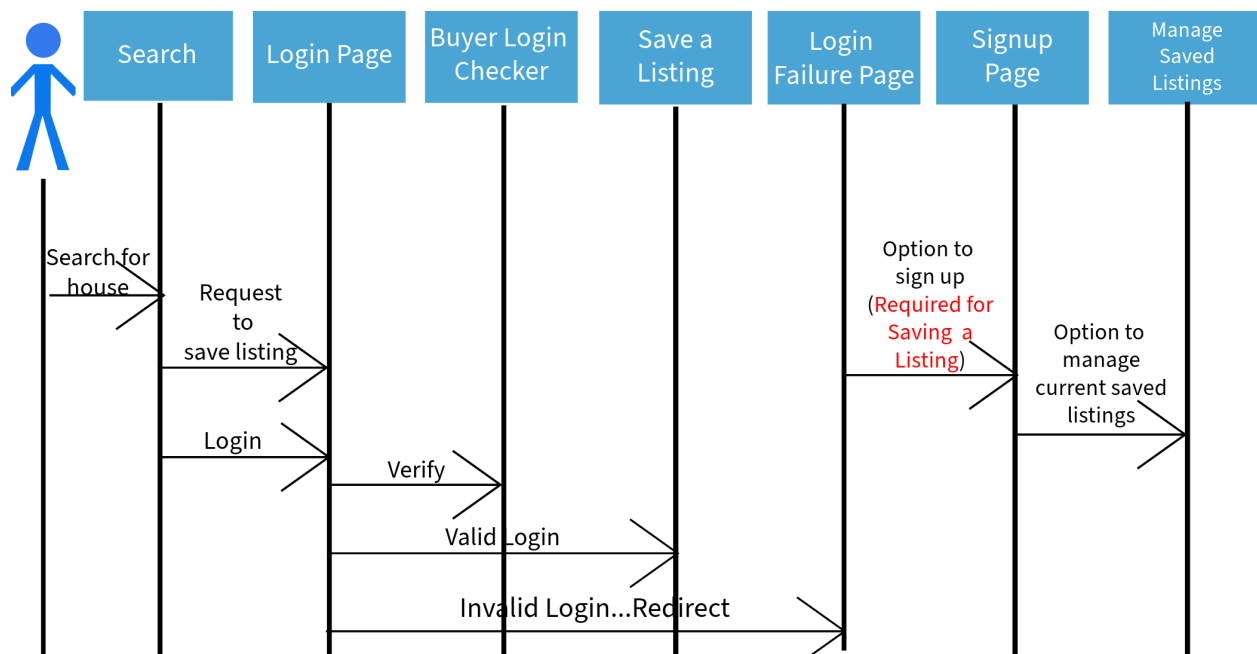
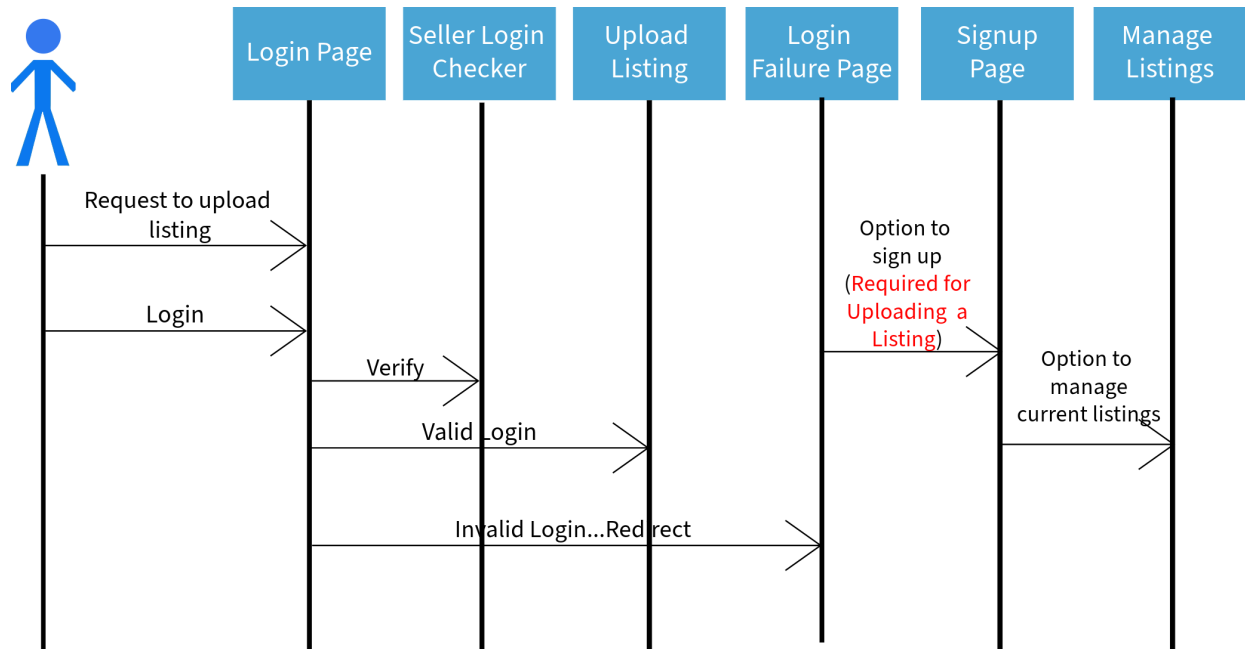
- ii. Seller

- b. Once a request is made to upload a listing, if the user is not already logged-in as a seller, they are prompted to log-in using their specific "seller" account credentials or create one. Once a listing is uploaded by a registered "seller" account, the user viewing the listing has an option to save the listing. If the user requests to save the listing and is not already logged-in as a "buyer", they are prompted to log-in using their specific "buyer" account credentials or create one. Once the user is logged in as a registered "buyer" account, they may save their desired house listing to their wishlist. The house listing, and all accompanying information (including, but not limited to: address, price number of beds, number of baths, description, etc.) is then saved in to a database for later retrieval.

Take those use cases and create the corresponding sequence diagram(s) for each of those use cases. As an intermediate step it may help for you to think of the objects required for the use case and create a flowchart diagram (activity diagram) pg 143 of the actions that the task requires. Pages 147 and 148 give examples of sequence diagrams including one of the transfer data use case above. EX:

Collect weather data sequence chart





Put these files in your repository on github, upload copies of those files to this dropbox, and submit links to each file in your github repository.