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Project: Simulating operations related to land registration in bd

1. Seller
   1. **Adding a property for sale**
      1. Complete registration/login
      2. Click on the “Add a property for sale” button from the home page
      3. A new page with a form will be opened.   
         User Input:
         1. Type of property:
            1. Empty plot: Size of plot
            2. Full building: floors, Area per floors
            3. Flat:
         2. Price
         3. Note
         4. Address
      4. Press “submit” after entering all information. If anything left empty, the boxes will be highlighted and asked to fill the form.
      5. Repeat 4 till all boxes are filled. Show a success message
   2. **Approving an offer from buyer**
      1. Complete login and (at least once) goal-1
      2. Click on the “offers from buyer” button from the home page
      3. A new page with the list of buyers who made offer will be shown
      4. Select a buyer and click on approve
      5. A request will be sent to registration officer to approve the ownership transfer
   3. **Giving a property to a Real Estate company**
      1. Complete registration/login
      2. Click on the “Make offer to real estate company” button
      3. A new page with a list of real estate companies will be open
      4. Select a company and click on the “next” button
      5. A new page will be opened with the list of properties added by the seller. Select a property and click on the “make offer” button.
      6. A new page with a form will be opened  
         User input:
         1. Ownership percentage
         2. Note
      7. Success notification will be shown and a notification will be sent to real estate agent.
   4. **Agree/disagree to an offer from Real Estate agent**
      1. Complete goal-1 and goal-3 at least once.
      2. Click on the “offers from real estate companies” button from the home page.
      3. A new page will be opened with the list of offers. Select an offer and click “Details”
      4. A new page with the details of that offer will be shown. Click on “Approve” or “Decline”.
      5. If pressed on “approve” then a request will be sent to registration officer to approve the ownership transfer

Else a notification will be sent to that real estate agent that their offer has been declined.

* 1. **Attending surveys**
     1. Complete registration/login
     2. Click on the “surveys” button from the homepage
     3. A new page with a list of surveys will be shown
     4. Select a survey and click on the “view” button
     5. A new page with a form will be opened. Fill up the from and click “submit”
     6. If all boxes are filled, then thank you message will be shown  
        else use will be asked to fill up the empty text boxes.

1. Buyer
   1. **Searching for a property**
      1. Complete registration/login
      2. Click on the “search” button from the home page
      3. A new page with a form will be opened.   
         User Input:
         1. Type of property:
            1. Empty plot: Size of plot (range)
            2. Full building: floors, Area per floors (range)
            3. Flat:
         2. Price (range)
         3. Address
      4. Press search after entering at least one information. If everything left empty, a message will be shown “fill/select at least one box/option”
      5. Repeat 4 till all boxes are filled. Show a success message
   2. **Adding a property to wish-list**
      1. Complete registration/login
      2. While searching for a property select a property and press “add to wish-list” button
      3. Success message will be shown after the property is added to the wish-list
   3. **Viewing wish-list**
      1. Complete login
      2. Click on the “my wish-list” button from the homepage
      3. A new page will be opened where the properties in the wish-list will be shown. User can see the details by clicking on any property in that list.  
         If the list is empty, then “your wish-list is empty” message will be shown.
   4. **Making offer to seller for buying the property**
      1. Complete registration/login
      2. Find the property (from search or wish-list) and click “make offer to seller” button
      3. A new window will be opened with a form.   
         User input:
         1. Price
         2. Note
      4. Click “confirm”. A notification will be sent to seller. If the seller approves the request, then a request will be sent to registration officer
      5. If the registration officer approves the request, then ownership of the property will be changed and a congratulations notification will be sent to the seller and buyer.
   5. **Attending surveys**
      1. Complete registration/login
      2. Click on the “surveys” button from the homepage
      3. A new page with a list of surveys will be shown
      4. Select a survey and click on the “view” button
      5. A new page with a form will be opened. Fill up the from and click “submit”
      6. If all boxes are filled, then thank you message will be shown  
         else use will be asked to fill up the empty text boxes.
2. Real Estate Agent
   1. **Making offer to a seller**
      1. Complete registration/login
      2. Find the property from search, select the property and click “make offer to seller” button
      3. A new window will be opened with a form.   
         User input:
         1. Price
         2. Ownership percentage
         3. Note
      4. Click “confirm”. A notification will be sent to seller. If the seller approves the request, then a request will be sent to registration officer
      5. If the registration officer approves the request, then ownership of the property will be changed and a congratulations notification will be sent to the seller and buyer.
   2. **Replying to an offer from a seller**
      1. Complete Registration
      2. Click on the “Offers from sellers”
      3. A new page with a list of will be opened.
      4. Select an offer and click “Reply”
      5. A new page with a form will be opened  
         User input:
         1. Ownership percentage
         2. Notes
      6. Click on “confirm”. A notification will be sent to the seller.
   3. **Replying to an offer from a buyer**
      1. Complete login
      2. Click on the “offers from buyer” button from the home page
      3. A new page with the list of buyers who made offer will be shown
      4. Select a buyer and click on approve
      5. A request will be sent to registration officer to approve the ownership transfer
   4. **Attending Surveys**
      1. Complete registration/login
      2. Click on the “surveys” button from the homepage
      3. A new page with a list of surveys will be shown
      4. Select a survey and click on the “view” button
      5. A new page with a form will be opened. Fill up the from and click “submit”
      6. If all boxes are filled, then thank you message will be shown  
         else use will be asked to fill up the empty text boxes.
   5. **Making report of the properties sold**
      1. Complete login
      2. Click on the “generate report of the properties sold” button
      3. A new page with the list of properties will be shown.
      4. User can save the report in a text file by clicking “save report” or go “back”
3. Registration officer
   1. **Approving “transfer of ownership”**
      1. Complete registration/login.
      2. Click on the “transfer of ownership” button from the home page
      3. A new page with the list of properties will be shown which requires the transfer of ownership. User selects a property and press “see details”.
      4. A new page with the details will be shown.  
         If selected “approve” then the ownership will be transferred and notification will be sent to both buyer and seller.  
         If selected “Decline” then the own ownership will not be transferred and notification will be sent to both buyer and seller.
   2. **Attending Surveys**
      1. Complete registration/login
      2. Click on the “surveys” button from the homepage
      3. A new page with a list of surveys will be shown
      4. Select a survey and click on the “view” button
      5. A new page with a form will be opened. Fill up the from and click “submit”
      6. If all boxes are filled, then thank you message will be shown  
         else use will be asked to fill up the empty text boxes.
   3. **Generating report of transferred properties**
      1. Complete login
      2. Click on the “Generate report of transferred properties” button
      3. A new page with the list of transferred properties will be shown.
      4. User can save the report in a text file by clicking “save report” or go “back”
   4. **Generating report of sales figures**
      1. Complete login
      2. Click on the “Generate report of sales figures” button
      3. A new page with the list of prices of properties sold will be shown.
      4. User can save the report in a text file by clicking “save report” or go “back”
   5. **Messaging users about any concerns**
      1. Complete login
      2. Click on “message a user” button
      3. A new page with the list of users will be shown. The registration officer then can select any user and insert the message and click “send”.
      4. Success message will be shown and the message will be sent to the selected user.
4. Ministry of Land
   1. **Publish Surveys on the quality of land**
      1. Complete login
      2. Click on “Create new survey”. A new page with a form will be opened  
         User input:
         1. Title of survey
         2. Target audience
         3. Number of questions
         4. Questions
      3. Click on “create and publish”. The title, audience and at least one question box must be filled.
      4. Success message will be shown.
   2. **Generating report of the responses of surveys**
      1. Complete login and goal-1 at least once
      2. Click on “Surveys” button from the home page. A new page with a list will be opened
      3. Select any survey and click on the “see details” button. A new page with the responses of that survey will be opened
   3. **Making reports on number of lands for sale in a particular area**
      1. Complete login
      2. Click on “Reports” button from the homepage
      3. A new page with a form will be opened.  
         User input:
         1. Type of property
         2. Address
      4. Click on “Generate report”. And the list of properties containing those address will be shown
   4. **Publishing Notice**
      1. Complete login
      2. Select “publish a new notice” button.
      3. A new page will be opened.  
         user input:
         1. Text
         2. Target audience
      4. After completing the user inputs click on the “publish” button.
      5. Success message will be shown and the notice will be sent to the selected audience
   5. **Viewing list of personal information of the registered buyer and sellers**
      1. Complete login
      2. Click on the “list of registered users”
      3. A new page with the list of the registered users will be shown. User can then save the list in a text file by clicking on the “save list” button or go “back”.

# Common Tasks:

* 1. Registration:
     1. User input: Name, NID, Address, Password, Agency Name (if real estate agent)
     2. Press “Submit”.
     3. If anything left empty, the boxes will be marked and user will be told to enter the information.
     4. Repeat “b” and “c” until all of the boxes are properly filled.
     5. Success message will be shown after registration.
  2. Log in:
     1. User input: Name, Password.
     2. Press “Submit”.
     3. If anything left empty, the boxes will be marked and user will be told to enter the information.
     4. Repeat “b” and “c” until all of the boxes are properly filled.
     5. Success message will be shown after registration.