

## CA1 Individual Report

Name	Jasper Tan
Student Id	P2235134
Class	DIT/FT/2B/02
Group	Group 2
Upstream Repository	<a href="https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2">https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2</a>
Origin Repository (Fork)	<a href="https://github.com/Jaspertanwh/assignment-ay2324s2-ay2324s2-class-2b02-team-2">https://github.com/Jaspertanwh/assignment-ay2324s2-ay2324s2-class-2b02-team-2</a>
Hosted website (Fork, if any)	<a href="https://quillandparchment-frontend.onrender.com">https://quillandparchment-frontend.onrender.com</a> <a href="https://quillandparchment-backend.onrender.com">https://quillandparchment-backend.onrender.com</a>
GitHub Username	Jaspertanwh

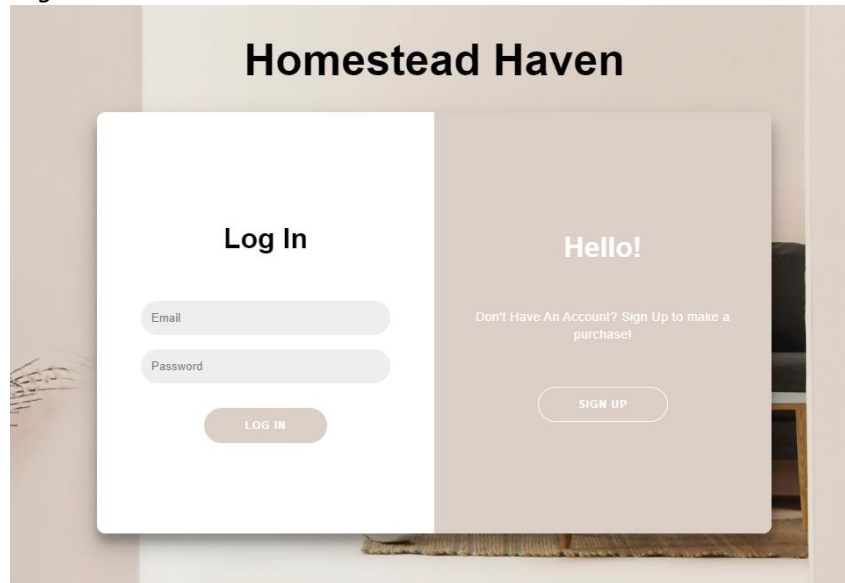
For each criterion, find links to pull requests/commits/files that demonstrate the fulfillment of the criteria. Replace each “?” with your own-self grading.

- Self-grading, You feel that you are:
  - 1 – Still not very competent in this criterion
  - 5 – Able to replicate examples from tutorials/practicals
  - 7 – Able to extend those examples to other scenarios
  - 8 – Able to combine this with other criteria to create features
  - 10 – Mastery of competent.
- You do not need to include an exhaustive list of commits/pull requests, just one or two representative ones will be sufficient.
- The commits/pull requests linked should be pointing to your upstream, not the origin.
- The commits/pull requests you linked should be your work, not your group members’.
- 5. Make sure the hyperlink of the exported PDF works. Failure to do so will result in a 50% deduction of marks.**

Criteria	Link to your Pull Requests/Commits/Files	Self-grade
Creating Entities	<p><i>Provide links to respective pull request/file that</i>  <a href="https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74">https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74</a></p> <p><i>Description:</i>            Routes : controller/app.js</p> <p><i>/register &amp; /insertAddress</i>            Inserting the user Information and user address to the corresponding table            Both API ae called in login.html in order to register a new member.</p>	10/10
Retrieving Entities	<p><i>Provide links to respective pull request/file that</i>  <a href="https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74">https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74</a></p>	10/10

	<p><i>Description :</i>  Routes : backend/src/controller/app.js  <a href="#">/login</a>  Login to user account and retrieve the JWT token and user information</p> <p><a href="#">/getUserInformation/:userid</a>  Get user information by ID and display in profile.html</p> <p><a href="#">/getUserAddress/:userid</a>  Get user address by ID and display in profile.html</p> <p><a href="#">/getAllUser</a>  Get all user information and display in table form in manageCustomer.html</p> <p><a href="#">/filterUser/:name/:gender/:country</a>  Filtering the user in manageCustomer.html</p>	
Updating Entities	<p><i>Provide links to respective pull request/file that</i>  <a href="https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74">https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74</a></p> <p><i>Description :</i>  Routes : backend/src/controller/app.js  <a href="#">/updateUserInformation</a>  Update user information in profile.html</p> <p><a href="#">/updateUserAddress</a>  Update user address in profile.html</p>	10/10
Deleting Entities	<p><i>Provide links to respective pull request/file that</i>  <a href="https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74">https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74</a></p> <p><i>Description :</i>  Routes : backend/src/controller/app.js  <a href="#">/deleteUser/:userid"</a>  Delete user by user ID in profile.html</p>	10/10
Proof of Concept	<i>Provide screenshots of your features here.</i>	10/10

*Login:*



The login overlay is a white rectangle on the left with the title "Log In". It contains two input fields for "Email" and "Password", and a "LOG IN" button. The sign up overlay is a light beige rectangle on the right with the title "Hello!". It contains a link "Don't Have An Account? Sign Up to make a purchase!" and a "SIGN UP" button. The background is a blurred image of a room with a plant and a rug.

## Homestead Haven

### Log In

Email

Password

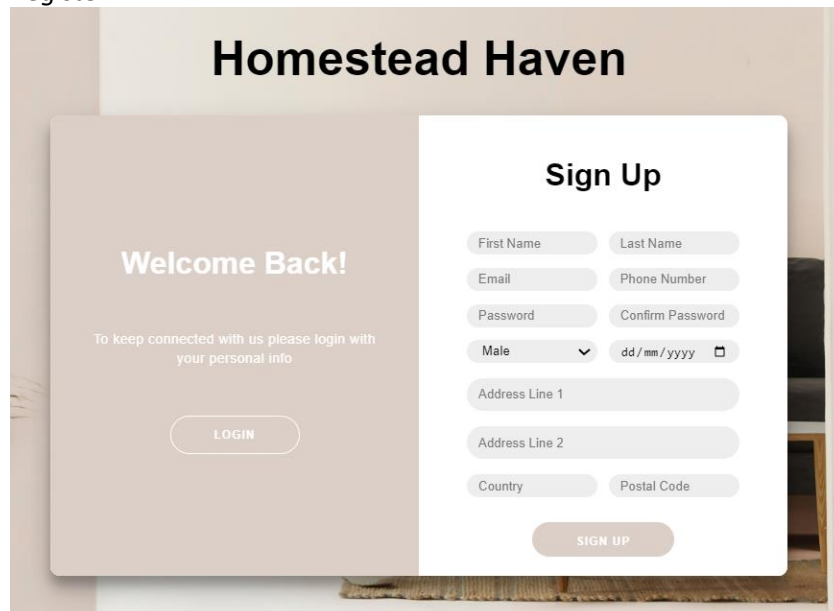
LOG IN

### Hello!

Don't Have An Account? Sign Up to make a purchase!

SIGN UP

*Register:*



The sign up overlay is a white rectangle on the right with the title "Sign Up". It contains input fields for "First Name", "Last Name", "Email", "Phone Number", "Password", "Confirm Password", "Male" (with a dropdown arrow), "dd/mm/yyyy" (with a calendar icon), "Address Line 1", "Address Line 2", "Country", and "Postal Code". It also has a "SIGN UP" button. The welcome back overlay is a light beige rectangle on the left with the title "Welcome Back!". It contains a message "To keep connected with us please login with your personal info" and a "LOGIN" button. The background is a blurred image of a room with a plant and a rug.

## Homestead Haven

### Welcome Back!

To keep connected with us please login with your personal info

LOGIN

### Sign Up

First Name Last Name

Email Phone Number

Password Confirm Password

Male dd/mm/yyyy

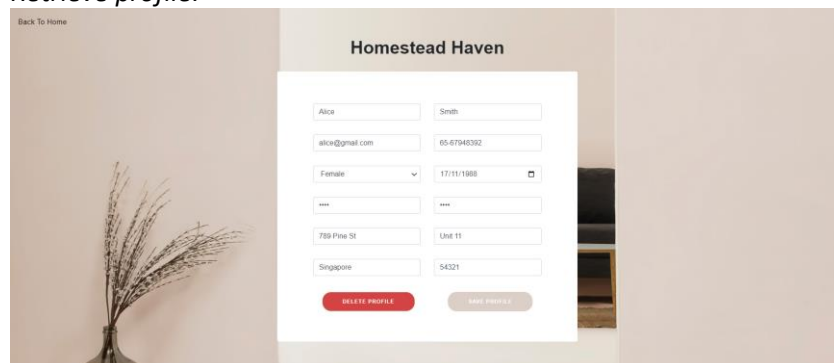
Address Line 1

Address Line 2

Country Postal Code

SIGN UP

*Retrieve profile:*



The profile overlay is a white rectangle in the center with the title "Homestead Haven". It contains input fields for "Alice", "Smith", "alice@gmail.com", "65-67945392", "Female" (with a dropdown arrow), "17/11/1988", "789 Pine St", "Unit 11", "Singapore", and "54321". It also has "DELETE PROFILE" and "SAVE PROFILE" buttons. The background is a blurred image of a room with a plant and a rug.

## Homestead Haven

Alice Smith

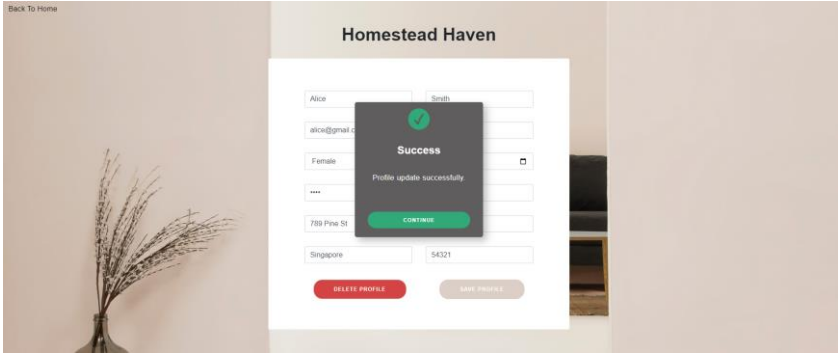
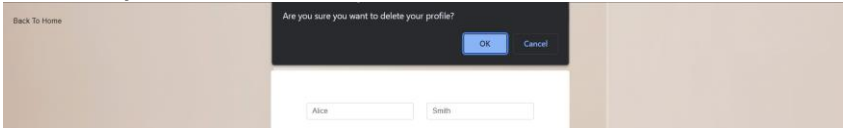
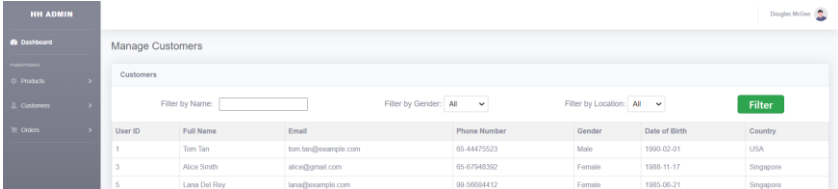
alice@gmail.com 65-67945392

Female 17/11/1988

789 Pine St Unit 11

Singapore 54321

DELETE PROFILE SAVE PROFILE

	<p><b>Update Profile:</b></p>  <p><b>Delete Profile:</b></p>  <p><b>Manage all customers:</b></p> 	
Sequential Request	<p><b>Description :</b>  <b>Routes :</b> <code>frontend/public/homepage/js/profile.js</code>          There are two tables involve in order to update the user profile(users &amp; useraddress)          updatePersonalInfo() will be called first and follow by the updateAddressInfo() if there is no error caught</p> <p><b>Routes :</b> <code>frontend/public/homepage/js/signup.js</code>          There are two tables involve in order to register a new user(users &amp; useraddress)          validateInputs() is called first to validate all the inputs field are valid, then handlePersonalInfo() will be called in order to insert user information to users table and also get the new generated userid, lastly, handleAddressInfo() is called in order to insert user address in useraddress table by using the new generated userid which gotten from handlePersonalInfo()</p> <p>Provide links to respective pull request/file  <a href="https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74">https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74</a></p>	10/10
Concurrent Request	<p><b>Description :</b>  <b>Routes :</b> <code>frontend/public/homepage/js/profile.js</code>          When user navigate to profile.html. Both fetchUserInformationData() and fetchUserAddressData () will be called concurrently in order to reduce the overall time it takes to load the profile page.</p>	8/10

	<p>Provide links to respective pull request/file  <a href="https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74">https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74</a></p>	
State Management	<p>What were the states involved? List out the states and describe the situation.</p> <p>Provide links to respective pull request/file  <a href="https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74">https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74</a></p>	10/10
Data Manipulation	<p>Description :</p> <p>Routes : frontend/public/admin/manageCustomer.html</p> <p>In the manageCustomer page, admin can view all the registered customer. Apart from that, admin are able to filter the customer by customer name, gender and county.</p> <p>Provide links to respective pull request/file  <a href="https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74">https://github.com/ST0507-ades/assignment-ay2324s2-ay2324s2-class-2b02-team-2/tree/03c4586257cb9519dd2e53c81b728f395ffb4b74</a></p>	8/10

### Other criteria

Code & Report Quality	8/10
Using Git & Following GitHub Flow	10/10
Hosting (if-any)	10/10

### 3 Key challenges and how you overcame them

1.	Learning the syntax of promises has been a bit challenging for me. To overcome this hurdle, I've been referencing tutorials and searching online, particularly on platforms like YouTube, to glean insights from experts in the field.
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2.	Hosting my repository on onrender.com is a new concept for me, and I haven't covered it in tutorial sessions. To address this, I've been watching tutorials on YouTube to learn from experienced individuals who can guide me through the process.
3.	Implementing concurrent requests in my code has posed a challenge due to my unfamiliarity with the methodology. To tackle this issue, I reached out to my lecturer for guidance. The lecturer suggested that I can achieve concurrent requests in my profile page by simultaneously retrieving user information and user address, and I'm working on incorporating this advice into my code.