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| Use Case ID: | 11 | | |
| Use Case Name: | Generate Search Data | | |
| Created By: | Augustine | Last Updated By: | Augustine |
| Date Created: | 29/1/2023 | Date Last Updated: | 30/1/2023 |

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|-----------------------|---|
| Actor: | - (triggered by system event) |
| Description: | When the search details are submitted and the form is validated, the search data must be generated for display on the details page |
| Preconditions: | Use case triggered when search details are submitted and validated |
| Postconditions: | Pricing, data insights and map details populated on the details page |
| Priority: | Very High (core functionality) |
| Frequency of Use: | 1 (per form submitted) |
| Flow of Events: | 1. When the user is redirected to the details page, this use case is triggered 2. System to generate pricing details (Case 10) 3. System to generate data insights (Case 9) 4. System to generate interactive housing map (Case 4) |
| Alternative Flows: | - |
| Exceptions: | Backend API return error: Display “Internal Server Error. Please try again later” |
| Includes: | - |
| Special Requirements: | - |
| Assumptions: | The town or postal code, and flat type provided are valid |
| Notes and Issues: | - |