**PROJECT DEVELOPMENT PHASE**

**Exception Handling**

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| Date | 13 November 2023 |
| Team Id | 634AF22140249FEB192412EFFC6B4CFF |
| Project name | How to create a landing page in hubspot |

**1. HubL Syntax Checker:**

* Use HubSpot's built-in HubL syntax checker to catch syntax errors and issues in your code during development.

**2. Conditional Checks:**

* Implement conditional checks to validate data before using it in your templates. For example, check if a variable exists before using it to prevent null or undefined errors.

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{{ if variable }} <!-- Your code here --> {{ endif }}

**3. Default Values:**

* Provide default values for variables or use default content blocks to handle scenarios where data may be missing or undefined.

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{{ variable | default('Default Value') }}

**4. Try-Catch Pattern (Partial):**

* Create partials (reusable code snippets) with try-catch patterns to encapsulate code that might raise exceptions.

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{{ try }} <!-- Your code here --> {{ except }} <!-- Handle the exception or provide fallback content --> {{ end }}

**5. Logging with Console:**

* Use **console.log** statements strategically to log information and debug potential issues.

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{{ console.log

('Debugging message:', variable) }}

**6. Error Tracking Tools:**

* Integrate external error tracking tools, such as Sentry or Rollbar, to monitor and trace errors in a production environment.

**7. Conditional Debugging:**

* Implement conditional debugging features that can be enabled or disabled based on specific conditions. This allows you to isolate and focus on debugging when necessary.

**8. Analytics for User Interaction:**

* Utilize analytics tools to monitor user interactions and identify potential issues reported by users.

**9. Fallback Content:**

* Provide fallback content or messages that users can see in case an expected piece of data is not available.

**10. Documentation:**

* Add comments to your code explaining potential issues, known workarounds, or how to handle specific scenarios.

**11. Testing in Preview Mode:**

* Regularly test your landing page in HubSpot's preview mode to catch and address issues before publishing.

**12. Version Control:**

* If you're working in a team, use version control (like Git) to track changes and roll back to previous versions if needed.

**13. Responsive Design Handling:**

* Implement responsive design practices to handle issues related to different device sizes and screen resolutions.

**14. User Feedback Mechanism:**

* Set up a mechanism for users to provide feedback about issues they encounter on the landing page.

**15. HubSpot Support and Community:**

* If you encounter issues that seem specific to HubSpot, reach out to HubSpot Support or explore the HubSpot Community for assistance.