Project Development Phase

**Exception Handling**

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| NM ID | 88A47BC9080CDE499E844AF1A08CEE03 |
| PROJECT NAME | Creating an Sponsored Post for Instagram |

**Section 1: Introduction to Exception Handling**

* Explain the importance of exception handling in the context of creating sponsored posts on Instagram.
* Briefly introduce the purpose of the document, which is to outline the strategies and procedures for handling exceptions effectively.

**Section 2: Common Exceptions in Instagram Sponsored Post Creation**

* Identify and describe common exceptions that can occur during the creation of sponsored posts on Instagram.
* Examples include network issues, API rate limits, image upload failures, and invalid content format.

**Section 3: Exception Handling Strategies**

* Discuss various strategies and best practices for handling exceptions in the project.
* Highlight the importance of logging, error messages, and proper documentation.
* Describe how to categorize exceptions into recoverable and non-recoverable types.

**Section 4: Handling Specific Exceptions**

* Provide detailed instructions for handling specific exceptions identified in Section 2.
* For example, explain how to retry failed network requests, handle rate limits by implementing backoff mechanisms, and validate content formats before posting.

**Section 5: Testing and Continuous Improvement**

* Describe the importance of testing exception handling mechanisms during development and in a production environment.
* Explain how to monitor exceptions in real-time and the process of analyzing and learning from them to improve the project's robustness.
* Encourage a culture of continuous improvement and the incorporation of user feedback into exception handling strategies