

PROJECT DEVELOPMENT PHASE

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Team ID	7EB30D3140ADD2597FD4137AF06C8F67
Project Name	Social media campaign on facebook

EXCEPTION HANDLING

1.

Use Facebook's API Error Handling:

- When interacting with the Facebook API, be prepared to handle errors that can occur. Facebook's API provides error codes and messages that can help you diagnose issues. Ensure that you check the API response for error information and handle them appropriately. `Handle other exceptions`

2. **Handle Rate Limiting:**

- Facebook's API may enforce rate limits on your requests. You should monitor the rate limits and implement logic to wait and retry when you exceed these limits. This ensures that your campaign can continue running smoothly without interruptions.

3. **Custom Error Logging:**

- Implement custom error logging to record details of any exceptions that occur during your campaign's execution. This will help you track and diagnose issues and allow for proactive monitoring.

4. **Graceful Error Messages:**

- Provide meaningful and user-friendly error messages when exceptions occur. This can be especially important if you have a user-facing application or a campaign management interface.

5. **Retry Mechanisms:**

- For transient errors (e.g., network issues), implement a retry mechanism that can attempt the operation again. Use exponential backoff to prevent overloading the API.

6. **Monitoring and Alerting:**

- Set up monitoring and alerting systems to notify you when exceptions occur. This can include email alerts, Slack notifications, or integration with tools like Sentry or New Relic for comprehensive error tracking.

7. **Documentation:**

- Maintain documentation that outlines common exceptions and their resolutions. This can serve as a valuable resource for your team and help in faster issue resolution.

8. **Testing for Exceptions:**

- During development, include test cases that intentionally trigger exceptions to verify that your exception handling code works correctly.

9. **Version Control and Rollbacks:**

- In the event of a major issue, be prepared to rollback to a previous version of your campaign or ad sets. Having a version control system in place is crucial for this.

10. **Fallback Strategies:**

- Implement fallback strategies to handle cases when certain operations or features are not available due to exceptions. For example, if posting fails,

consider queuing the content for later posting or providing an alternative action.

11. **Security Considerations:**

- Be mindful of security aspects, especially when handling exceptions. Avoid exposing sensitive information in error messages and be cautious about the information you log.