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| Social Media Sharing System (KhafaaBot) |  |
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# Use Case Diagram

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# Use Case Explanation

**Read Topic From Excel:** The program opens up a notepad found in Project Directory that reads the row to be read in Excel. Then it opens the excel sheet and extracts the topic of the quote from the cell. And finishes by updating the notepad to read the next row in the next run.

**Get Quote From ChatGPT:** The program asks ChatGPT to provide it a quote with the given quote topic and saves the quote responded by ChatGPT in a variable.

**Create Image In Ideogram:** The program goes to an AI image generation site (Ideogram) and writes a prompt to generate an image with the quote written on it.

**Download From Ideogram:** After the generated image is complete, the program extracts the image and saves it in the Downloads Folder.

**Post On Instagram, Twitter and Reddit:** The program browses the Downloads Folder for the last downloaded image and posts it on different social media platforms.

**Notify Account Owner Via Email:** After posting is successful, the program sends an email to the account owner of these social media accounts and notifies them of the topic of the quote that was posted.