Project Requirement

GiftPal – The Ultimate Gift Exchange and Reminder App

Submitted in fulfillment

Of the requirements of

CMSC 495 Current Trends and Projects in Computer Science

(Group Project)

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| **Instructor** | Hung Dao |
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**Revision History**

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author (s)** |
| 03/21/2023 | 1.0 | Draft Version | Kalala Kalamba |
| 03/23/2023 | 1.0.1 | Added Function Requirements | Bazz Khurshid |
| 03/25/2023 | 1.0.2 | Reviewed and edited function requirements, adding function requirements about the gift exchange functionality | Kalala Kalamba |
| 03/25/2023 | 1.0.3 | Reviewed and edited function requirements to ensure language of storing, thus ensuring use of database allowed without being explicit | Nicholas Graham |
| 03/27/2023 | 1.1 | Finalization of SRS | All |

**Topic**

The topic of our project is an application that tracks your loved one's special dates and their wish lists. We have also added gift exchange functionality to our application. Our application will send emails reminding the user of their loved one's special dates and send emails informing users who they are paired with for the gift exchange and some suggestions of what to get them as a gift.

**Requirement**

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| **Requirement #** | **Description** |
| 1 | This system shall allow users to register themselves. |
| 2 | This system shall keep track of anniversary dates. |
| 3 | This system shall keep track of birthdays. |
| 4 | This system shall keep track of customized important days. |
| 5 | This system shall keep track of a wish list for people important to the user. |
| 6 | This system shall allow users to store their email. |
| 7 | This system shall allow users to store their name. |
| 8 | This system shall allow users to store the name of their loved ones. |
| 9 | This system shall allow users to associate special dates with specific loved ones. |
| 10 | This system shall allow users to enter their names in a gift exchange. |
| 11 | This system shall allow users to note the gift they would like to receive. |
| 12 | This system shall allow users to identify their group name. |
| 13 | This system shall ensure that the user making the selection and all members of his group are not part of the pool of potential givers. |
| 14 | The system shall select a gift receiver and pair with a gift giver. |
| 15 | This system shall send an email to the users notifying them who their gift pair is and their gift pair’s wish list. |
| 16 | This system shall not duplicate user ids. |
| 17 | This system shall not send more than one email for every reminder or notification. |
| 18 | The system shall allow a user to register as an admin. |
| 19 | The system shall allow the admin to add, modify and delete users. |
| 20 | The system shall allow the admin to set a minimum dollar amount for gifts. |
| 21 | The system shall allow the user to register others in their group. |
| 22 | The system shall present a menu to initiate the gift exchange. |
| 23 | The system shall allow the user to identify themselves when initiating the gift exchange. |
| 24 | The system shall remove the selected receiver from the list of unselected receivers and remove the giver from the list of givers |
| 25 | This system shall send a report showing paired givers and receivers to email addresses provided in user registration. |
| 26 | The system shall send list of gifts suggestion based on age, and minimum price with shopping links to each group. |