**Project Requirements**

**CMSC 495 (6380)**

**Group 8:**

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**Program Name: Forget Me Not**

**September 2, 2018**

**Revision Number: 0**

**Date of Revision: n/a**

# PROJECT REQUIREMENTS

## Topic

Group 8 is developing an application that keeps track of a loved one’s special dates (e.g. anniversaries, birthdays, etc.) and their wish lists. This will include a reminder (e.g. an e-mail, or a popped-up message) to alert that an event is approaching.

## Requirements

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| **Requirement #** | **Description** |
| 1 | The application shall support a desktop based GUI interface. |
| 2 | The application shall use Java for front end development. |
| 3 | The application shall use SQL for back end development. |
| 4 | The application shall implement a database for user to store special dates. |
| 5 | The application shall allow a user to input new entries to the database via a form with fields: Loved One’s Name, Occasion, Date. |
| 6 | The application shall ignore case type, but capitalize first and last names when new entries are created and stored in database. |
| 7 | The application shall require the format XX/XX/XXXX to input special date. |
| 8 | The application shall allow user to display all special dates for each month using a combo box with fields for each month. |
| 9 | The application shall allow a user to search the database by loved one’s name and display associated with special dates. |
| 10 | The application shall utilize Java Swing for message dialogue box pop-up reminders. |
| 11 | The application shall remind user of special dates approaching 7 days prior. |
| 12 | The application shall remind user of special dates on the day of. |