Project Requirements

CMSC 495 6380

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Group 4

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**Revision History Table**

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| --- | --- | --- |
| **Date** | **Changed By** | **Change(s)** |
| 8/27/2019 | Melissa Eardley | Initial Revision |
| 8/28/2019 | Dillon Cobb  Melissa Eardley  Allan Yu | Reduced complexity of the requirements |
| 9/1/19 | Allan Yu | Touching up the document |
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**Topic**

Group 4 will be developing a web-based application that keeps track of special dates and appointments providing reminders via email and/or popups to its users.

**Requirements**

| Req # | Description |
| --- | --- |
| 1 | The system shall allow the user to create a reminder |
| 1.1 | The system shall allow the user to enter a date and/or time |
| 1.1.1 | Depending on whether date/time is given, the reminder can be set to all day or until removed/cancelled. |
| 1.2 | The system will allow users to designate certain date categories |
| 1.2.1 | This can include Birthdays, Anniversaries, etc. |
| 1.3 | The system shall allow the user to modify events |
| 1.4 | The system shall allow the user to remove events |
| 2 | The system shall store and retrieve data using a database |
| 3 | The system shall be capable of sending notifications |
| 3.1 | The system shall be capable of sending notifications via email |
| 3.2 | The system shall be capable of sending pop-up notifications |
| 3.3 | (Optionally, the system will also be capable of sending out SMS Texts) |
| 4 | The system shall prevent the user from adding duplicate entries |
| 4.1 | A prompt can be given to the user, to remind them of an existing entry and whether they’d like to modify it (in case of collisions, etc.) |
| 5 | The system shall be capable of identifying conflicting appointments |
| 6 | The system shall be capable of preventing the user from entering invalid data |
| 6.1 | The user cannot enter dates in the past |
| 6.2 | The user cannot enter invalid email addresses |
| (6.3) | Validation of notification methods may or may not be checked on account creation |
| 7 | Users will be able to create accounts to login and check for existing reminders |