



ICD

CMSC 495 6380

Revised: October 10, 2019

Group 4

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**Revision History Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Changed By | Change(s) | Version |
| 9/19/2019 | Dillon Cobb  Melissa Eardley  Allan Yu | Initial Revision | 1.0 |
| 10/10/2019 | Melissa Eardley | Updated to reflect the change in the database | 1.1 |
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# Background

The ReminderApp is using MySQL as the database application.

The user will enter data into the login page and event entry page using an HTML form. The users will be entering text and email addresses.

# Data between User Subsystem and Login Subsystem When Establishing a New User Account

|  |  |  |  |
| --- | --- | --- | --- |
| Name | HTML Type | Value Range | Default Value |
| Username | <input type="text"> | 5-25 CHAR | User1 |
| Email | <input type="email"> | ≤ 320 CHAR | [User@Email.com](mailto:User@Email.com) |
| Password | <input type ="password"> | 8-25 CHAR | P@$$word123 |

# Data between Login Subsystem and Database Subsystem When Establishing a New User Account

|  |  |  |  |
| --- | --- | --- | --- |
| Name | MySql Type | Value Range | Default Value |
| Username | CHAR | 5-25 CHAR | User1 |
| ID | ENUM | ≤ 25 CHAR | 99999999999999999999999 |
| Email | CHAR | ≤ 320 CHAR | [User@Email.com](mailto:User@Email.com) |
| Password | CHAR | 8-25 CHAR | P@$$word123 |

\*This value is Auto-Incremented

# Data between User Subsystem and Login Subsystem When Logging In

|  |  |  |  |
| --- | --- | --- | --- |
| Name | HTML Type | Value Range | Default Value |
| Username | <input type="text"> | 5-25 CHAR | 99999999999999999999999 |
| Password | <input type ="password"> | 8-25 CHAR | P@$$word123 |

# Data between Login Subsystem and Database Subsystem When Logging In

|  |  |  |  |
| --- | --- | --- | --- |
| Name | MySql Type | Value Range | Default Value |
| Username | CHAR | 5-25 CHAR | 99999999999999999999999 |
| Password | CHAR | 8-25 CHAR | P@$$word123 |

# Data between User Subsystem and Login Subsystem When Adding a new Event

|  |  |  |  |
| --- | --- | --- | --- |
| Name | HTML Type | Value Range | Default Value |
| Name | <input type="text"> | ≤ 255 CHAR | Friday |
| Description | <input type="text"> | ≤ 255 CHAR | Happy Fun Friday |
| EventDate | <input type="date"> | YYYY-MM-DD  “1000-01-01”  to  “9999-12-31” | 2020-02-29 |
| EventTime | <input type="time"> | hh:mm:ss  “-838:59:59” to “838:59:59” | 000:00:00 |

# Data between Login Subsystem and Database Subsystem When Adding a new Event

|  |  |  |  |
| --- | --- | --- | --- |
| Name | MySql Type | Value Range | Default Value |
| Event | CHAR | ≤ 255 CHAR | Happy Fun Friday |
| Description | BLOB | N/A | N/A |
| EventDate | DATE | YYYY-MM-DD  “1000-01-01”  to  “9999-12-31” | 2020-02-29 |
| EventTime | DATETIME | hh:mm:ss  “-838:59:59” to “838:59:59” | 000:00:00 |

# Data between Database Subsystem and Email Subsystem When Sending a Notification

|  |  |  |  |
| --- | --- | --- | --- |
| Name | MySQL Type | Value Range | Default Value |
| Email | CHAR | ≤ 320 CHAR | [User@Email.com](mailto:User@Email.com) |
| Event | CHAR | ≤ 255 CHAR | Happy Fun Friday |
| Description | BLOB | N/A | N/A |
| EventDate | DATE | YYYY-MM-DD  “1000-01-01”  to  “9999-12-31” | 2020-02-29 |
| EventTime | DATETIME | hh:mm:ss  “-838:59:59” to “838:59:59” | 000:00:00 |