Change Request Form

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| **GENERAL INFORMATION** | | | | |
| **CR#** | APP-0002 | | | |
| **Request Title** | GoldFolks v2.0 | | | |
| **Requestor Name** | Zachary Varella Lee Zheyu | | | |
| **Current Version** | 1.1 | | | |
| **New Version** | 2.0 | | | |
| **Contact Information** | ZVARELLA001@e.ntu.edu.sg | | | |
| **Description of Request** | Added notification functionality.  Slight UI refresh.  Functionality of reminders has been extended to included push notifications. | | | |
| **Date Submitted** | 16/10/21 | | | |
| **Date Required** | 16/10/21 | | | |
| **Change Priority** | Low | Medium | High | Critical |
| **Reason(s) for Change** | New function as stated in the SRS | | | |
| **Initial Impact Analysis** | Impact affects the Reminders model, as new fields had to be added to store the notification ID numbers. Firebase has also changed to include new fields as a result. Reminder screen code has also changed to include the notification functionality. New class ‘NotificationController’ for controlling the scheduling, editing, and deletion of notifications. | | | |
| **Components Impacted** | Reminder screen, Add reminder screen, Edit reminder screen, Reminder model, Firebase, NotificationController | | | |
| **Estimated Time Required** | 4 hours | | | |
| **Estimated Cost Required** | $0 - Recommended | | | |
| **Change Implementation** | Implementers - Zachary Varella Lee Zheyu, Anil Ankitha  Changes made – To the reminders screen, reminders model, edit reminders screen, add reminders screen | | | |
| **Quality Assurance/Testing** | 1. Schedule a reminder and see if the notification is sent. 2. Edit the reminder, changing the timing, and check for notification. 3. Exit the app and see if notifications are sent while the app is closed. 4. Test if notifications are sent past the specified end date. 5. Log out of account to test if all notifications are cancelled correctly. 6. Log in to account and check if notifications are scheduled correctly. | | | |
| **Comments and Recommendations** | Requires new dependency awesome\_notifications to function. | | | |

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| **CHANGE CONTROL BOARD - DECISION** | | | | |
| **Decision** | Approved | Approved w/Conditions | Rejected | More Info |
| **Decision Date** | 16/10/21 | | | |
| **Decision Explanation** | Changes are required for traceability from app to SRS. | | | |
| **Conditions** | Changes should not affect performance adversely | | | |