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| T27 |
| SFD Dispatch  Statement of Work  week 2 |
| [Surrey Food Delivery] |
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| **Kent Huang**  **Bill Xue**  **Daniel Park**  **Terence Leung** |
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## Overview

For week 3, we will be developing the backend database with Firebase in Android studio. The expected work to be done this week includes:

* Meetup with client, and continue refining the design of the project.
* The firebase backend development, including Firebase set-up, Registration, login functions and database schema.
* Real-time data communication via Firebase real-time database among different roles.
* Documents including meeting minutes, progress report, plan, and risks and technical issues table.

## Outcomes

* Database integration of both Android apps, accounts table only (login and register).
* Backend database on firebase platform.
* Learn real-time communication in the system.
* Progress report for this week.
* Statement of work for next week.
* Technical issues table.
* Updated test cases.
* Meeting minutes.

## Deliverables

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| **Deliverable** | **Description** |
| Backend database | Backend database |
| Real-time communication feature | Real-time communication feature such as pushing notifications and real-time list update. |
| Progress report | Keep track of the team progress. |
| Statement of work for next week | Work Plan for next week. |
| Technical issues table | Be aware of the potential risks and issues for the projects. |
| Test cases | Keep track of the testing status. |
| Meeting Minutes | Record meeting processes. |

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## Work Breakdown

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| **Owner** | **Description** | **Completion Date** |
| everyone | Learn how to setup and use Firebase database. | Monday  08/05/2017 |
| Kent | Technical issues table | Saturday  13/05/2017 |
| Bill | Meeting Minutes | Saturday  13/05/2017 |
| everyone | Test cases | Saturday  13/05/2017 |
| Daniel | Status report | Sunday  14/05/2017 |
| Terence | Statement of work for next week | Sunday  14/05/2017 |
| Daniel | Customer app - 1 order button as opposed to 2 (restaurant and customer) | Friday  12/05/2017 |
| Kent | Ability to add accounts for admin | Friday  12/05/2017 |
| Bill | Login functionality | Friday  12/05/2017 |
| Daniel | Customer registration functionality | Friday  12/05/2017 |
| Terence | Update database with customers’ orders | Friday  12/05/2016 |
| Kent | Forget password functionality (customer/restaurant) | Friday  12/05/2017 |
| Bill | Forget password functionality (admin/dispatcher) | Friday  12/05/2017 |
| Daniel | Populate dispatcher view with new orders | Sunday  12/05/2017 |
| Terence | Populate dispatcher view with orders in progress | Sunday  12/05/2017 |