**TCT Apps Challenge Team Proposal**

**Basic Information:**

**Team Number: #9**

**Team Name: Pretzel**

**Division: ACG**

**Team Members:** **Patricia Liu, Yurong Tao, Yanru Wang**

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**GitHub Repository:** Click here to enter text.

<https://github.com/AppChallenge/LTW>

**Design Proposal:**

**Mockups：**

[**https://github.com/AppChallenge/LTW/blob/master/documents/tct-wireframe.pdf**](https://github.com/AppChallenge/LTW/blob/master/documents/tct-wireframe.pdf)

[**https://github.com/AppChallenge/LTW/blob/master/documents/tct-archived.pdf**](https://github.com/AppChallenge/LTW/blob/master/documents/tct-archived.pdf)

**Product architecture：**

[**https://github.com/AppChallenge/LTW/blob/master/documents/ProposalSubmit/ProductArch.jpg**](https://github.com/AppChallenge/LTW/blob/master/documents/ProposalSubmit/ProductArch.jpg)

**Components to Leverage：**

Google Cloud Messaging

**Key Technologies:**

Client: Android, Google Cloud Messaging

Server: Node.js

**Development Plan:**

|  |  |  |
| --- | --- | --- |
| Start Date- End Date | Short Description | Assignment |
| 2015/4/8 – 2015-4-17 | Discuss Requirements | Patricia: Design workflow  Yurong: Setup a server  Yanru: Research Notification |
| 2015/4/18 – 2015/4/24 | UI Design | Patricia: Design mockup  Yurong: Research Node.js  Yanru: Submit Proposal |
| 2015/4/26-2015/5/3 | Code Design | Patricia: Polish workflow and start to design UI of sign in/sign up, user profile and feeds.  Yurong&Yanru: discuss database and service interfaces |
| 2015/5/4-2015/5/17 | Implementation Phase 1 | Patricia: Design UI of brownbag  Yurong: Implement authentication on server side  Yanru: Implement UI of sign in/ sign up, user profile and feeds on the app side. |
| 2015/5/18-2015/5/31 | Implementation Phase 2 | Patricia: notification management UI design  Yurong: Implement web services of brownbags.  Yanru: Implement brownbag management on the app side |
| 2015/6/1-2015/6/7 | Implementation Phase 3 | Patricia: Design UI of training or other features  Yurong: Implement notification on the server side.  Yanru: Implement notification on the app side. |
| 2015/6/8-2015/6/14 | Implementation Phase 4 | Patricia: Help to polish UI  Yurong: Implement administrator UI on the server side.  Yanru: Implement other features. |
| 2015/6/15-2015/6/21 | stabilization | Polish UI and fix bug |
| 2015/6/22-2015/6/25 | Go to production |  |

**Platform(s) to support：**



**Additional materials:**