Sprint Retrospective Document
Date: 21.03.2017
Group name / Project name: Hoppers
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Assistant: Itır Önal
Supervisor: Uluç Saranlı

Sprint 1 summary

Id	Timeline ID	Task/workpackage	Status	Group's comments	Assistant or supervisor comments
WP1.1	E2 Round Robin Diagram	Decide how often and how data will be sent to the phone by considering power consumption and design the protocol.	Complete		
WP1.2	E2 Round Robin Diagram	Prepare a document showing the events, tasks and design the structure within the scope of the Round Robin interrupt.	Complete		
WP1.3	E4 Research on best sensors meet design and cost specifications	Work on the distance sensor and decide which sensors look suitable for the project.	In progress	The research for the most suitable sensor and design was made. Potentiometer (or alternatively rotary encoder) will be used in bookmark device to measure angular displacement. It will be tested on next sprint.	

WP1.4	E5 Find optimal solutions for device	Start device design in 3D	In progress (%50)	The simple prototype for the design was formed by using 4-bar mechanism. The necessary modifications will be done during the Sprint 2.	
WP1.5	A1 & S1 PostgreSQL and SQLite synchronization	Decide in which cases you want to use the server and implement the necessary endpoints.	Complete		
WP1.6	A1 & S1 PostgreSQL and SQLite synchronization	Synchronize PostgreSQL with SQLite in Android	Complete		
WP1.7	A4 Create UX diagrams And Design buttons and features	Design the whole UI independently of the implementation. There should be a flow between the activities.	Complete		
WP1.8	A4 Implement Android UI	Implement the UI using dummy data for 2 weeks.	Complete		

WP1.9	A2 Extract Book Info to App	Rework on ISBN and make ISBN independent from another application	Complete		
WP1.10	A1 Reading statistics table in SQLite	Store the reading statistics of the book in both SQLite and PostgreSQL.	In progress (%10)	The SQLite table has been created and cursor adaptor will be added in.	
WP1.11	A1 Notifications as reminders reader to read a book	Implement notification feature if the reader does not read the book for a certain time.	In progress (%70)	The implementation has been started and notifications can be sent at a certain time defined by the user. Further implementations will be done during the Sprint 2.	
WP1.12	A3 Extracting Quotes from the current book by OCR	Research for OCR and its implementation	Was not on the initial plan	The research for OCR was conducted and the implementation will continue.	
WP1.13	E2 Pairing device and mobile phone	Pairing bookmark device and mobile phone	Was not on the initial plan	Completed	
WP1.14	A4 Design banners and logos	Working on visual materials such as logo, demo	Was not on the initial plan	Brochure and logo were designed and brainstorming was done for demo video.	

Sprint 2 plan

Id	Timeline ID	Task/workpackage name	Criteria	Status
WP2.1	E4	Work on the distance sensor and decide which sensors look suitable for the project.	● Research for potentiometer types suitable for device ● Trying different sensor types ● Trying suitable potentiometer types	Leftover from Sprint 1
WP2.2	E-5 Create 3D device on CAD	Start device design in 3D	● We will modify device model according to sensor type ● We will remodel the necessary parts to be printed out in 3D by using CAD technologies	New
WP2.4	A1 Reading statistics table in SQLite	Store the reading statistics of the book in both SQLite and PostgreSQL.	● Cursor Adaptor will be created for reading statistics table	Leftover from Sprint 1
WP2.5	A1 Notifications as reminders reader to read a book	Implement notification feature (if the reader does not read the book for a certain time)	● In the current implementation, notification could be sent at a certain time defined by the user. It will be modified to send notification by comparing the time set by the user to the unread time of the book which needs to be converted as a suitable form for AlarmManager.	Leftover from Sprint 1

WP2.6	A3 Basic text analysis, sending extracted text to server and add sharing feature	Implementation of keeping notes on the server and adding a sharing feature	● Implementation of checking if the extracted text is true. ● Implementation of saving text on the server ● Implementation of sharing quotes in social media	New
WP2.7	S4 Research recommendation solutions & Recommend books	Book recommendation algorithm research	● Algorithms for the recommendation will be researched and books will be recommended using the books read by the user previously	New
WP 2.8	A1 Add features	Add Quote UI	● UI for adding quotes by OCR will be implemented	New

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This section will be filled in by your supervisor or assistant.

Please enter your grade for the following items using the letter scale (i.e. AA, BA, BB, CB, CC, DC, DD, FD, FF).

Criteria	***Grade***
Progress of the team in this sprint. *(Grade percentage: 50%)*	
The accuracy of the summary table above (e.g. are the task status declarations correct?). *(Grade percentage: 25%)*	
Considering the weekly meetings, the attendance and preparation level of the team (i.e. Toplantılara düzenli olarak ve hazır bir şekilde, örneğin bir toplantı gündemi oluşturarak, katıldılar mı?) *(Grade percentage: 25%)*	