

Minutes of Meeting

Project	SmartShop	Date	2011-12-13
		Start-end time	21:15 – 22:15
Responsible	Igor Czerwinski	Location /type	Location: Västerås, Zagreb Type: Skype voice and instant messaging

Attended by	Location	Remarks
Igor Czerwinski	Västerås	
Ali Shahid	Västerås	
Bin Wu	Västerås	
Ivo Štimac	Zagreb	
Filip Gvardijan	Zagreb	
Željko Brdarić	Zagreb	

1. Beta presentation

The general feeling of the group was that the presentation went OK despite the problems we have encountered. We have discussed the 2 questions which came up during the presentation: why not webscraping if shops in Croatia have data available and unequal distribution of work. We decided that we should reinvestigate the webscraping again, if it is indeed true that the Croatian shops have up to date information available in the online stores, we should develop a proof of concept webscraper. However, it was not decided when it should be implemented or who would be responsible for it. In terms of the supposed unequal distribution of work, no one has agreed with the comment.

2. Analysis of the morning crash

Around noon on Tuesday, the server application stopped responding to requests. It turns out that this has been caused by exceeding the usage limits of the google APIs which had a cascading effect on the whole system. Since the free usage of the APIs is capped at 2500 requests/elements per 24 hours, we will need to look into optimising the system so that this problem does not happen again. Two solutions were proposed:

- reduce the number of queries by querying only certain elements/limited set of elements (if possible)
- distribute the work of retrieving the data from google APIs to clients/mobile phones to circumvent the IP limit. This would however require major redesign of the whole system.

However, it was concluded that despite the technical reasons behind this problem, there is also a different issue. This problem has not been discovered up until the last minute simply because we have been working on the application up until the last minute. We have stressed the importance of adhering to the development schedule; most importantly before the final presentation – the last week before the final presentation should be focused on testing the application and fixing minor bugs.

TASKS:

Ivo – investigate the solutions to the google API limits

3. Next steps

- ^ We have concluded that we should not be adding any additional features to the application and instead we should focus on fixing the exiting problems and improving the “look and feel”; we should take into account both Jurajs comments from the email as well as our own judgment and ideas.
- ^ One of the ways of improving the L&F is using the viewflow instead of the tab view. Viewflow adds the ability to swipe between the tabs as well as allows us to have more than 3 tabs. Also, we should investigate the Google IO suggestions regarding the L&F of the application and apply that to both the main screen and other screens.

- ⤴ We have discussed the functionality of the barcode scanner, however the feedback was inconclusive since we were not sure if the problems we were experiencing were caused by the VM problems or the actual barcode scanner.
- ⤴ This Friday we have hand in the acceptance test plan. However, the first draft which was written missed the point according to Juraj. Igor and Bin will look into this and report later this week what needs to be done if the involvement of the group is required.
- ⤴ When we find a bug, we raise a new issue in Redmine and assign it to the appropriate person. However, it is important that the description of the issue has a detailed set of steps how to reproduce the problem.
- ⤴ The documentation of the code needs to be improved - most notably the bundle parameters each activity takes.

TASKS:

- ⤴ Zeljko – find out if we can have more than 3 tabs in the tab view
- ⤴ Zeljko – fix the bugs you know about/you worked on
- ⤴ Shahid – continue the work on the viewflow
- ⤴ Filip – improve the design of the app (image buttons, Google IO screens)
- ⤴ Bin – prepare couple of slides/ideas about testing for the final presentations and help with Acceptance Test Plan
- ⤴ Filip – find a good template for the Acceptance Test Plan
- ⤴ Igor – figure out the Acceptance Test Plan and inform the group if we need another meeting this week