

# Blue Bus – ATOS

*Team 6 (ATOS4) :*

*Ali Aliyev*

*Yanwen Feng*

*16 November 2015*

The first two weeks after last bi-weekly report were scenario week and reading week. During scenario week we completely concentrated on scenario week challenge and therefore could not progress work on Systems Engineering Blue Bus project. However, during reading week we had plenty of time to continue work on project. We spend this time for updating project web-site. These include the following:

- Simple and easily navigated web-site design
- Adding web-site contents
- Creating shared repository

We built our website on a template which is simple and easy to use. While choosing template we wanted it to be simple and informative. Contents are reachable from the same page very easily and at the same time it looks elegant. We will continue to change appearance of the website if necessary as we'll add new stuff within progress of the project.

Contents and headers are added according to project documentation on moodle page. For now website is unfinished as some content is missing. We will update website as we progress on project and by the time project is finished website will be in the condition of fully containing project contents.

We also created a public repository on Github and added a link to it on website. Codes and other relevant files of the project will be added to it. So it's possible to track progress of the project anytime. Both me and my teammate will contribute to code using that repository.

We did not have a client meeting during last two weeks because of the listed reasons above. Time of the next meeting is not yet decided as well. We can have three meetings with client during term 1 and we already had two of them. So, we want to keep that last meeting for more important progress. For example, demonstration of first prototype.

We are planning to elaborate the website as project progresses and continue overall work as usual. As we agreed on with client about development environment of Blue Bus app to be Android OS, Yanwen ordered and got her android device from department. We have started to build first prototype and planning to continue building it during next two weeks.

On last meeting with client we agreed on requirements specification list as well. Now we have defined our priorities and know what we are going to build. Ready and set.

#	Requirements	Comments	Priority	Approved
1.	Logo	Design a logo which looks cool	1	
2.	UI design	User interface design	1	
3.	Android app	Design it on Android app platform	1	
4.	Cross-platform app	Implement the app on multiple platforms i.e. on Android,iosplatform and on website	2	
5.	Journey scheduling	The app arrange shared journeys for several users (Journey request matching algorithm)	1	
6.	Notification to nearby users	Tell nearby users when and where the journey starts	2	
7.	User management	User registration with username, password and home&working postcode	1	
8.	Authentication	Log-in with Twitter, Facebook accounts	2	
9.	Geolocation	Give the location of user to the app	1	
10.	Postcode	When user types in a postcode, the system gives its	2	

		location		
<b>11.</b>	Map display	Show the journey on a map graphically	1	
<b>12.</b>	Journey validation	The journey is validated when two clients of the app travel together	2	
<b>13.</b>	Log of users	Record details of users in database	1	
<b>14.</b>	Log of journeys and distances	Record journeys traveled and distances saved thanks for the app	2	
<b>15.</b>	Statistics of saved money	Calculate the number of money saved	2	
<b>16.</b>	Bitcoin	Use bitcoin (calledAtoscoin) as incentives of shared journey	2	
<b>17.</b>	Badges	Award users getting many bitcoins with badges	2	
<b>18.</b>	Achievements of saved distances	Show the achievement for each user	2	

Ali Aliyev dealt with the website, wrote the bi-weekly report and started building first prototype. Yanwen Feng tested her Android device and Android Studio platform in order to be ready for building the prototype as they are new to her.

