Real-time Decision Support System for Infrastructure and
Logistics Management Disastrous Situations
Arctic Donkeys

Sprint Evaluation

What is the progress of your project in this sprint? What goals are achieved? What problems are overcome? If you are updating your plans what are your justifications?

At first, we are assigned a project named "Big Data in A Computer Case". However, ATOS does not provide required hardware and software document. In addition, we need to apply Proof of Concept to prove that this project can be implemented. However, we need exact info about implementability of project. So, we decided to change our project. Throught this process, we tried to get sample Raspberry Pi and built Linux on it.

Until then, we have decided which DBMS platform will be used and via which software optimizing algorithm will be implemented. SAP HANA platform will be used in both DBMS and algorithm side. We have also figured out the problem that how can we visualize the optimized plan on a map. This will be handled by one of the GIS software. We haven't decided the specific GIS software but we have decided that it should be JavaScript based product to ease connection between SAP HANA and GIS platforms. Another important issue is determining pilot area and narrowing down the constraints of DBMS entities. We have decided the main constraints. By attending SAP HANA online courses we have learnt basic knowledge. We searched different GIS softwares but the decision will be made when we talked with project leader. We have also started to search data regarding earthquakes,building info,fault lines etc. This week we have started to write SRS report and determine the rest of the spefications.

Team evaluation

How well your team working together? How many meetings did you hold? Are you planning any changes in your cooperation strategy? Which work is completed by which member (in a Gannt chart)?

As a team, we have good division of labor. We have met 4 times until now. Just one of us is following SAP HANA tutorials. However, we have decided that all team members will follow the same course since the system is mainly based on SAP HANA environment.

Task	Assigned Member	1st Week				2nd Week				3rd Week			
Writing SRS	All members									+	+	+	+
SAP HANA search and tutorial	Goksucan Akın					+	+	+	+				
GIS search	Arda Aslan					+	+	+	+				
SAP HANA tutorial	All members									+	+	+	+
Determining constraints	Miray Mazlumoglu					+	+	+	+				
Collecting data	Onur Yılmaz					+	+	+	+				
Previous project (Big Data) related job	All members	+	+	+	+								

Backlog Updates

What are your backlog updates?

Continue to write SRS.
Determine specific GIS.
Consulting METU Earthquake Search Center to gather data and prioritize them.
Continue to attend SAP HANA courses.
Connecting SAP HANA and GIS software.
Determining which way should we reach database.
Interviewing project leader to discuss specifications of project.