

Retrospective Document
Sprint-<3>
<08.05.2016>

Work & Test Progress

Code (IM_1, \dots, IM_n) & List the **implementation milestones** (only short descriptions) planned for this sprint along with their completion percentages. (Do not list any details at workpackages/tasks level.)

Milestone Code	Milestone Description	Percentage
IM_1	<i>Training of meta-learner on the meta-data and ranking&selection of the best method</i>	75 %
IM_2	<i>Feature construction module implementation and integration to the system</i>	25 %
IM_3	<i>Services and interfaces for user to retrieve the data that is worked on by ml algorithms</i>	60 %

Code (TM_1, \dots, TM_n) & List the **testing milestones** (*only short descriptions*) planned for this sprint along with their completion percentages. (Do not list any details at workpackages/tasks level.).

Test Milestone Code	Test Milestone Description	Percentage
TM_1	<i>K-means clustering on the regression meta-data</i>	80 %
TM_2	<i>K-means clustering on the classification meta-data</i>	80 %
TM_3	<i>Connection of the remote databases and gathering the data.</i>	100%
TM_3	<i>Statistics about the enacted data</i>	100%
TM_3	<i>RSS services</i>	100%

Team Progress

List the team members along with their contribution percentages. Make sure that you have declared realistic numbers.

Team Member	Contribution Percentage
Merve Bozo	25%
Mustafa Orkun Acar	25%
Setaç Kağan Aydın	25%
Yaşar Berk Arı	25%

*Note to assistant and to supervisor:
Make sure that the actual percentages match with the declared percentages and indicate this in your report if there is any discrepancy.*

Left-overs (Backlog)

List the **milestones** (only short descriptions) that could not be completed in this sprint along with their left-over percentages. Give your reasons for each of the incomplete milestone(s).

Milestone Code	Milestone Description	Reason	Percentage
<i>IM₁</i>	<i>Training of meta-learner on the meta-data and ranking & selection of the best method</i>	<i>The performance problem prevented us to generate enough meta-data and we mainly struggled with this issue. Though we have spent too much time on optimization of the project codes, we have applied k-means on sample metadata and got the first results.</i>	25 %
<i>IM₂</i>	<i>Feature construction module implementation and integration to the system</i>	<i>As we spent too much time on performance issues, we have completed our research and planning on feature construction but we could not start the implementation.</i>	75 %
<i>IM₃</i>	<i>Services and interfaces for user to retrieve the data that is worked on by ml algorithms</i>	<i>Reason is explained below.</i>	40%

We had a technical issue with Microsoft Azure services. Beginning of the sprint we opened a free trial account and got the remote servers. This account was opened only for a month and we planned all tasks according to this timeline. However, before the one month deadline, they shut down our services without giving any notice. Therefore we left all of our data in that machines and try to save them. This problem cause us a 1 week. After recovering the data from remote services we made a request new server to our department and reinstalled the our programs to the new server. Although we have a new server, we can't connect the server right now and this week we are gonna solve the problem with admins as soon as possible. Because of the this problems, IM_3 is behind schedule and next sprint we will try to recover our left-overs.

Next Sprint

List the **milestones** that will be targeted in the next sprint.

Milestone Code	Milestone Description
<i>IM₁ Completion of unfinished parts & General code optimization</i>	<i>We have some incomplete parts from some older tasks (feature construction, etc.) which will be fulfilled in this sprint. We also need to further optimize our code base for better performance.</i>
<i>IM₂ Implementation of Visualization & Reporting modules</i>	<i>Implementation of data and model visualization module and reporting of the operations performed</i>
<i>IM₃ Integration of the web services and ML services.</i>	<i>After completion of the web services we are planning to run ml algorithms on the web server and start to test different scenarios.</i>

Team Comments

Your comments (if any) regarding to this completed sprint.

This section should be filled in by the Team.

To solve our performance issues we try to optimize the codebase as much as possible. In addition, we applied for ULAKBIM's TRUBA program to get high computational power cluster to create more metadata we needed. This issue affects our progress exceedingly.

Assistant Evaluation

Assistant's (Team Leader's) comments regarding to this completed sprint.

Write down your comments if the team has not made satisfactory progress in this sprint.

Also indicate whether the team's report on their progress (i.e. the reported completion percentages in the retrospective document) are accurate.

This section should be filled in by Assistant (Team Leader)

Supervisor Evaluation

Supervisor's (Team Leader's) comments regarding to this completed sprint.

This section should be filled in by Supervisor