

# Software Engineering Group Project Activities Report Milestone 4

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## Objective

This report records my activities related to Earth project development for Milestone 4 period from 28-July-2008 to 17-August-2008.

## Assigned Tasks

1. Resolve Ticket 154
2. Improve the metadata solution from the previous milestone

## Resources

It was budgeted 30 hours per week. A total of 90 hours for the whole sprint

## **Activities**

On this section, I am going to list all the activities during this sprint.

Activity	Date	Spent Time (Hours)
Plan for milestone 4	30-July	1.5
Create a plan template	30-July	1.5
Revise the current solution for files metadata	01-August	2
Post a response on Earth Trac about ticket 42	02-August	0.5
Reading about rails	02-August	2
Design the new solution for files metadata	03-August	1
planning	04-August	0.5
files metadata: coding	04-August	1
files metadata: testing	04-August	1
Rails reading	04-August	1.5
Ticket 154: investigation	05-August	1.5
Ticket 154: coding and testing	06-August	1
Files metadata: coding	06-August	1
Rails reading	06-August	1
unit testing problem	06-August	4
Rails reading	07-August	5
Rails reading	08-August	5
planning	09-August	1
Files metadata: coding	09-August	5
Files metadata: coding	10-August	5
Reading	11-August	1
Meeting	11-August	1
Unit testing problem	12-August	2
Rails reading	13-August	5
Ticket 154: more testing	14-August	1
prepare demonstration	15-August	2
Integration	15-August	2
Writing report	17-August	2
	Total	58

## Progress Summary

- Ticket 154 has been implemented and tested. It is now just waiting for RSP approval. check these commits for its implementation:  
<http://github.com/mfb1982/earth/commit/512ecee65b37234>  
<http://github.com/mfb1982/earth/commit/512ecee65b37234>
- Files metadata: It is implemented and tested but it will be reimplemented again depending on the feed back from earth developers. But there was some necessary code modification which has been committed to the repository. All other modification kept on my personal repository. Check theses commits:  
<http://github.com/mfb1982/earth/commit/036b70fa2a622>  
<http://github.com/mfb1982/earth/commit/ae12f79123a>  
<http://github.com/mfb1982/earth/commit/13a062b03b7>  
<http://github.com/mfb1982/earth/commit/cf80bf842>

## Sprint Notes

- Contacting earth developers was very beneficial. Unfortunately, a lot of work has been done in the wrong direction but it was good to improve my rails skills.
- I faced a big problem with unit testing. This problem caused me a lot of trouble and waste a lot of time. Still, I could not find a solution for it.
- the main reason for been under the budgeted resources is because I have two other subjects. Both subjects needs a lot of work too.