ITERATION SCHEDULE

You are expected to plan all implementation, testing, presentation and documentation tasks you will perform in this semester by detailing the last schedule you have specified in your Detailed Design Document. ***Your progress throughout the semester will be tracked considering this schedule.***

The schedule consists of iterations. ***At the end of each iteration, you are expected to add some functionality to your product and deliver a stable executable subset of the final product. You will make a demo at the meeting following the last day of iteration to your assistant. Note that reports cannot be only output of an iteration, you have to make some implementation.***

You should follow this road map while planning iterations:

1. *Determine a sharing of modules among team members in which each module is assigned to at most two members. Present this sharing in* Table *in the section. Make sure that each and every module is covered in the table.*
2. *Decompose development of each module into well-defined tasks and assign a unique id for each task.*
3. *Assign each task* ***to only one team member****. (You may distribute tasks of a module between the two team members responsible for the module.)*
4. *Assign each task to a single iteration. (If you think the task may take more than two weeks to complete, try to decompose it into parts.)*

Finally, you are expected to have your schedules reviewed by your teaching assistants (in your next meeting) and sponsor companies, all parties should agree on the schedule.

Module Assignment

Module Name	**Responsible Team Members**
DTED2 File Operation	Pınar Yılmazer
Visualization Module	Bahar Şevket, Gözde Özcel
Model Package	Gözde Özcel
Engine Package	Bahar Şevket, Pınar Yılmazer
Factories Package	Bahar Şevket
Connections Package	Levent Oral
GUI Package	Gözde Özcel, Levent Oral
PathFinder Package 1	Pınar Yılmazer, Gözde Özcel

PathFinder Package 2	Bahar Şevket, Levent Oral
Testing	Pınar Yılmazer, Levent Oral
Documentation	Levent Oral, Gözde Özcel
Presentation	Bahar Şevket, Pınar Yılmazer

Table Module Assignment

Iteration Schedule

Iteration 1

Period: 27.02.2012 – 11.03.2012

Task ID	Task Description**	Responsible Team Member	Module Name*
1	Completion of sample military vehicle data	Gözde Özcel	Model Package
2	Debugging of the current GUI	Levent Oral	GUI
3	Integration of OpenGL into current GUI	Gözde Özcel	GUI
4	Extension of current factories	Bahar Şevket	Factories Package
5	DTED2 reading	Pınar Yılmazer	DTED2 File Operations
6	3D Representation of the DTED2 Map Phase 1	Bahar Şevket	Visualization Module
7	Testing of GUI	Pınar Yılmazer	Testing
8	Touch Operations Phase 1	Levent Oral	GUI

** "Module Name" column corresponds to the module specified in your design document which the task is a part of.*

***Task Description should be a phrase like "Displaying Agents On Simulation Screen", "Implementing communication protocol X", "Implementing X screen controls".*

Iteration 2

Period: 12.03.2012 – 25.03.2012

Task ID	Task Description	Responsible Team Member	Module Name

1	3D Representation of the DTED2 Map Phase 2	Bahar Şevket	Visualization Module
2	Touch Operations Phase 2	Levent Oral	GUI
3	Efficient Algorithm Research for Path Finding	Pınar Yılmazer	PathFinder Package
4	Implementation of Point to Point Path Finding Algorithm Phase 1	Gözde Özcel	PathFinder Package

Iteration 3

Period: 26.03.2012 – 08.04.2012

Task ID	Task Description	Responsible Team Member	Module Name
1	3D Representation of the DTED2 Map Phase 3	Bahar Şevket	Visualization Module
2	Implementation of Point to Point Path Finding Algorithm Phase 2	Gözde Özcel	PathFinder Package
3	Testing of Point to Point Path Finding Algorithm	Levent Oral	Testing
4	Implementation of Single Point to Multiple Point Path Finding Algorithm Phase 1	Pınar Yılmazer	PathFinder Package
5	Multiple to Multiple Point Path Finding Algorithms Research	Levent Oral	PathFinder Package

Iteration 4

Period: 09.04.2012 – 22.04.2012

Task ID	Task Description	Responsible Team Member	Module Name
1	Interpolation of 3D Map	Gözde Özcel	Visualization Module
2	Multiple to Multiple Point Path Finding Implemenation Phase 1 for Land Vehicles	Levent Oral	PathFinder Package

3	Multiple to Multiple Point Path Finding Implemenation Phase 1 for Air Vehicles	Bahar Şevket	PathFinder Package
4	Implementation of Single Point to Multiple Point Path Finding Algorithm Phase 2	Pınar Yılmazer	PathFinder Package
5	Integration of Different Path Finding Algorithms and Efficiency Problem Phase 1	Gözde Özcel	PathFinder Package

Iteration 5

Period: 23.04.2012 – 06.05.2012

Task ID	Task Description	Responsible Team Member	Module Name
1	Multiple to Multiple Point Path Finding Implemenation Phase 2 for Land Vehicles	Levent Oral	PathFinder Package
2	Multiple to Multiple Point Path Finding Implemenation Phase 2 for Air Vehicles	Bahar Şevket	PathFinder Package
3	Testing of Path Finding Algorithms	Pınar Yılmazer	Testing
4	Integration of Different Path Finding Algorithms and Efficiency Problem Phase 2	Gözde Özcel	PathFinder Package
5	Integration of Engine and Path Finding to GUI	Pınar Yılmazer	Engine Package

Iteration 6

Period: 07.05.2012 – 20.05.2012

Task ID	Task Description	Responsible Team Member	Module Name
1	Establishing Connections	Levent Oral	Connections Package

2	Finalization of GUI	Gözde Özcel	GUI
3	Finalization of Factories and Sample Models	Bahar Şevket	Factory Package
4	Finalization of Patika Engine and Path Finder	Pınar Yılmazer	Engine Package
5	Presentation Part 1	Bahar Şevket	Presentation
6	Presentation Part 2	Pınar Yılmazer	Presentation

Iteration 7

Period: 21.05.2012 – 09.06.2012

Task ID	Task Description	Responsible Team Member	Module Name
1	Testing Part 1	Levent Oral	Testing
2	Testing Part 2	Pınar Yılmazer	Testing
3	Documentation Part 1	Bahar Şevket	Documentation
4	Documentation Part 2	Gözde Özcel	Documentation

(The demo following this iteration will be the demo of the semester specified in the syllabus.)