

## ITERATION SCHEDULE

### Module Assignment

Module Name	Responsible Team Members
UI	Erdoğan Cem Evin
Core	Umut Erdal
VirtualSim	Umut Erdal
Input	Erdoğan Cem Evin
TrackGenerator	Serkan Yanar, Umut Erdal
Logger	Edona Fasllija
Sensor	Serkan Yanar
RealSim	Serkan Yanar
Communication	Umut Erdal, Serkan Yanar
Database	Edona Fasllija
ReportGenerator	Edona Fasllija, Erdoğan Cem Evin

Table Module Assignment

### Iteration Schedule

#### Iteration 1

Period: 27.02.2012 – 11.03.2012

Task ID	Task Description**	Responsible Team Member	Module Name*
1	Implementing rtx library for communicating with the sensor	Umut Erdal	Communication
2	Implementation of Input module (integration of jinput library and implementation of interface functions)	Erdoğan Cem Evin	Input
3	Preparation of Interface files of UI component	UI	Erdoğan Cem Evin

4	Preparation of Interface files of Core component	Core	Umut Erdal
5	Preparation of Interface files of VirtualSim component	VirtualSim	Umut Erdal
6	Preparation of Interface files of Input component	Input	Erdoğan Cem Evin
7	Preparation of Interface files of TrackGenerator component	TrackGenerator	Serkan Yanar
8	Preparation of Interface files of Logger component	Logger	Edona Fasllija
9	Preparation of Interface files of Sensor component	Sensor	Serkan Yanar
10	Preparation of Interface files of RealSim component	RealSim	Serkan Yanar
11	Preparation of Interface files of Communication component	Communication	Umut Erdal
12	Preparation of Interface files of Database component	Database	Edona Fasllija
13	Preparation of Interface files of ReportGenerator component	ReportGenerator	Edona Fasllija

### Iteration 2

Period: 12.03.2012 – 25.03.2012

Task ID	Task Description	Responsible Team Member	Module Name
14	Creating database scripts for the related ER-diagrams of the system	Edona Fasllija	Database

15	Implementation of Welcome and Menu Screen of the UI component	Erdoğan Cem Evin	UI
16	Testing of the Communication component	Serkan Yanar	Communication
17	Implementation of the interface functions of the Communication component	Umut Erdal	Communication

### Iteration 3

Period: 26.03.2012 – 08.04.2012

Task ID	Task Description	Responsible Team Member	Module Name
18	Implementation of the interface functions of the VirtualSim component	Serkan Yanar	Sensor
19	Integration of the database libraries with the system and implementation of the interface functions (database connection and query related functions)	Edona Faslija	Database
20	Connecting the UI component with the input module	Erdoğan Cem Evin	UI
21	Implementing GPS protocol to Communication module	Umut Erdal	Communication

### Iteration 4

Period: 09.04.2012 – 22.04.2012

Task ID	Task Description	Responsible Team Member	Module Name
22	Implementation of VirtualSim	Umut Erdal	VirtualSim
23	Implementation of RealSensor	Serkan Yanar	Sensor
24	Implementation of the virtual sensor simulation part of the UI	Erdoğan Cem Evin	UI
25	Implementation of ReportGenerator (integration of the pdf/doc creation library and handling the connection with the database)	Edona Faslija	ReportGenerator

### Iteration 5

Period: 23.04.2012 – 06.05.2012

Task ID	Task Description	Responsible Team Member	Module Name
26	Implementation of generated path smoothing of algorithm of TrackGenerator component	Umut Erdal	TrackGenerator
27	Implementation of RealSim (implementing the communication between Communication and RealSensor component)	Serkan Yanar	RealSim

28	Arranging the template format for reports for the ReportGenerator component	Edona Faslija	ReportGenerator
29	Implementation of the Report Generation part of the UI component	Erdoğan Cem Evin	UI

### Iteration 6

Period: 07.05.2012 – 20.05.2012

Task ID	Task Description	Responsible Team Member	Module Name
30	Implementation of the Kalman Filter for incoming hardware signals	Serkan Yanar	TrackGenerator
31	Implementation of the Core Component	Umut Erdal	Core
32	Implementation of the Logger component	Edona Faslija	Logger
33	Track generation with real sensors, integration of nasa world wind library	Erdoğan Cem Evin	UI

### Iteration 7

Period: 21.05.2012 – 09.06.2012

Task ID	Task Description	Responsible Team Member	Module Name
34	Testing of UI component	UI	Erdoğan Cem Evin
35	Testing of Core component	Core	Umut Erdal
36	Testing of VirtualSim component	VirtualSim	Umut Erdal

37	Testing of Input component	Input	Erdoğan Cem Evin
38	Testing of TrackGenerator component	TrackGenerator	Serkan Yanar
39	Testing of Logger component	Logger	Edona Fasllija
40	Testing of Sensor component	Sensor	Serkan Yanar
40	Testing of RealSim component	RealSim	Serkan Yanar
42	Testing of Communication component	Communication	Umut Erdal
43	Testing of Database component	Database	Edona Fasllija
44	Testing of ReportGenerator component	ReportGenerator	Edona Fasllija
45	Integrations test for all the components	All the modules	Erdogan Cem Evin
46	Field Testing	RealSim	Umut Erdal

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