

SHWOZ



Railway Train System Simulation Project Schedule

**Hongyao Shi, Yanis Oukaci, Derrick Ward, Sarah Higbee,
Kaixiang Zhong**

April 20th 2014

Project Mile Stones:

Mile Stone 1:

Title: Track Model Complete for Testing

Date: 03/28/2014

Mile Stone 2:

Title: Track Controller Complete for Testing

Date: 03/29/2014

Mile Stone 3:

Title: Train Controller Complete for Testing

Date: 03/22/2014

Mile Stone 4:

Title: Train Model Complete for Testing

Date: 03/29/2014

Mile Stone 5:

Title: Track Model and Track Controller Communication Established

Date: 04/01/2014

Mile Stone 6:

Title: Train Model and Train Controller Communication Established

Date: 04/02/2014

Mile Stone 7:

Title: System Communication Established

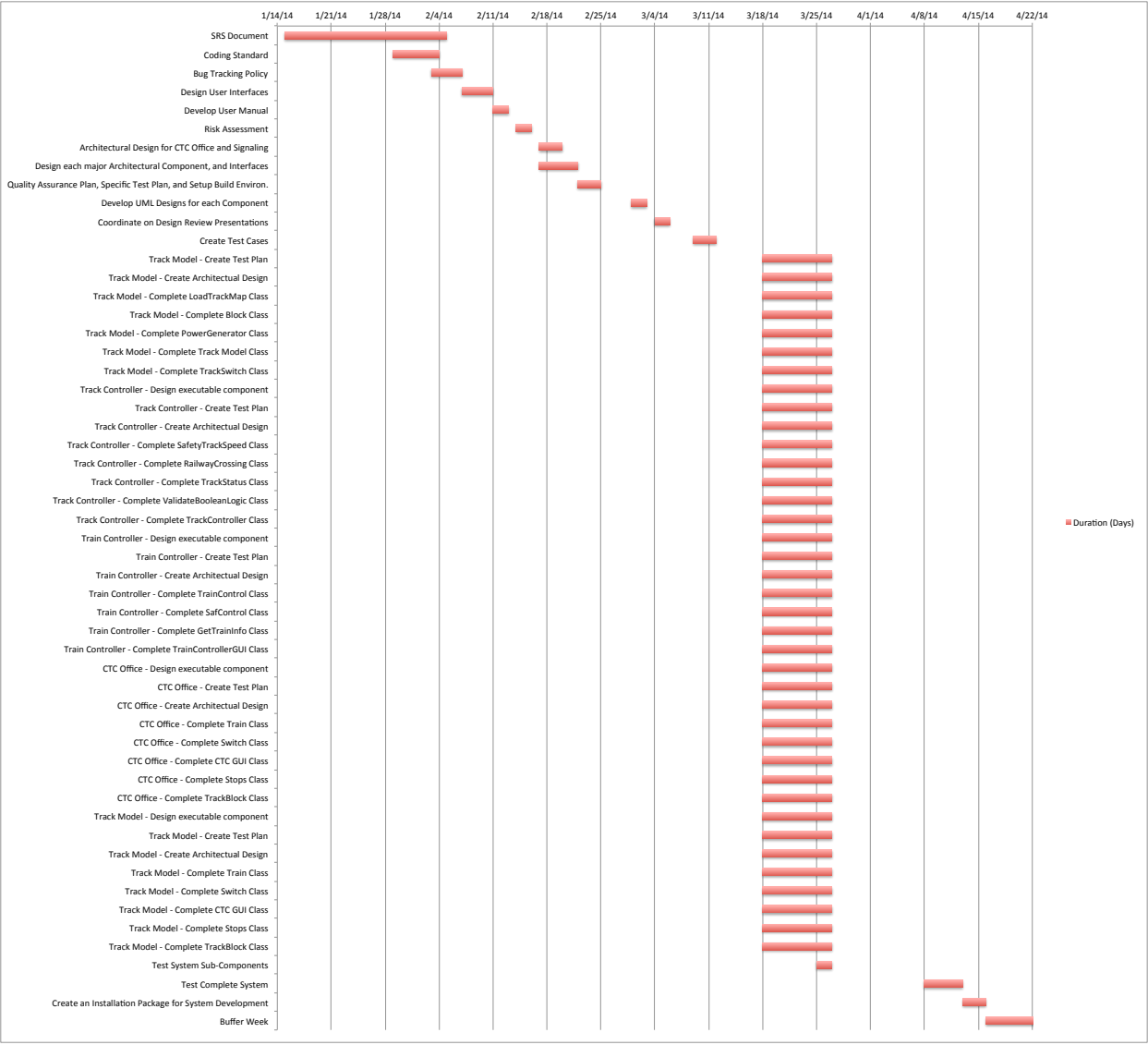
Date: 04/11/2014

Mile Stone 8:

Title: System Complete for Testing

Date: 04/20/2014

Tasks	Start Date	Duration	End Date
SRS Document	1/15/14	21	2/5/14
Coding Standard	1/29/14	6	2/4/14
Bug Tracking Policy	2/3/14	4	2/7/14
Design User Interfaces	2/7/14	4	2/11/14
Develop User Manual	2/11/14	2	2/13/14
Risk Assessment	2/14/14	2	2/16/14
Architectural Design for CTC Office and Signaling	2/17/14	3	2/20/14
Design each major Architectural Component, and Interfaces	2/17/14	5	2/22/14
Quality Assurance Plan, Specific Test Plan, and Setup Build Environ.	2/22/14	3	2/25/14
Develop UML Designs for each Component	3/1/14	2	3/3/14
Coordinate on Design Review Presentations	3/4/14	2	3/6/14
Create Test Cases	3/9/14	3	3/12/14
Track Model - Create Test Plan	3/18/14	9	3/27/14
Track Model - Create Architectual Design	3/18/14	9	3/27/14
Track Model - Complete LoadTrackMap Class	3/18/14	9	3/27/14
Track Model - Complete Block Class	3/18/14	9	3/27/14
Track Model - Complete PowerGenerator Class	3/18/14	9	3/27/14
Track Model - Complete Track Model Class	3/18/14	9	3/27/14
Track Model - Complete TrackSwitch Class	3/18/14	9	3/27/14
Track Controller - Design executable component	3/18/14	9	3/27/14
Track Controller - Create Test Plan	3/18/14	9	3/27/14
Track Controller - Create Architectual Design	3/18/14	9	3/27/14
Track Controller - Complete SafetyTrackSpeed Class	3/18/14	9	3/27/14
Track Controller - Complete RailwayCrossing Class	3/18/14	9	3/27/14
Track Controller - Complete TrackStatus Class	3/18/14	9	3/27/14
Track Controller - Complete ValidateBooleanLogic Class	3/18/14	9	3/27/14
Track Controller - Complete TrackController Class	3/18/14	9	3/27/14
Train Controller - Design executable component	3/18/14	9	3/27/14
Train Controller - Create Test Plan	3/18/14	9	3/27/14
Train Controller - Create Architectual Design	3/18/14	9	3/27/14
Train Controller - Complete TrainControl Class	3/18/14	9	3/27/14
Train Controller - Complete SafControl Class	3/18/14	9	3/27/14
Train Controller - Complete GetTrainInfo Class	3/18/14	9	3/27/14
Train Controller - Complete TrainControllerGUI Class	3/18/14	9	3/27/14
CTC Office - Design executable component	3/18/14	9	3/27/14
CTC Office - Create Test Plan	3/18/14	9	3/27/14
CTC Office - Create Architectual Design	3/18/14	9	3/27/14
CTC Office - Complete Train Class	3/18/14	9	3/27/14
CTC Office - Complete Switch Class	3/18/14	9	3/27/14
CTC Office - Complete CTC GUI Class	3/18/14	9	3/27/14
CTC Office - Complete Stops Class	3/18/14	9	3/27/14
CTC Office - Complete TrackBlock Class	3/18/14	9	3/27/14
Track Model - Design executable component	3/18/14	9	3/27/14
Track Model - Create Test Plan	3/18/14	9	3/27/14
Track Model - Create Architectual Design	3/18/14	9	3/27/14
Track Model - Complete Train Class	3/18/14	9	3/27/14
Track Model - Complete Switch Class	3/18/14	9	3/27/14
Track Model - Complete CTC GUI Class	3/18/14	9	3/27/14
Track Model - Complete Stops Class	3/18/14	9	3/27/14
Track Model - Complete TrackBlock Class	3/18/14	9	3/27/14
Test System Sub-Components	3/25/14	2	3/27/14
Test Complete System	4/8/14	5	4/13/14
Create an Installation Package for System Development	4/13/14	3	4/16/14
Buffer Week	4/16/14	7	4/23/14



Due Dates:

Work Package 1:
02/14/14

Work Package 2:
03/27/14

Work Package 3:
04/24/2014

MileStone 1:
Preliminary Planning
03/07/14

MileStone 2:
Sysem and
Component
Design
03/27/14

MileStone 3:
System and
Component
Implementation
and Testing and
Documentation
04/16/14