Team Name: Group 19
Topic: No Left Turn Route

Team Members:

Name	
Hassaan Malik	Project Leader/Lead Reasearcher
Trevor Rae	Mapping Technician/Tester
Paul Warnick	Log Admin/ Lead Designer

PROJECTLOG

TIME STAMP	TYPE	TASK ID	STATUS	CONTRIBUTOR(S)	EVENT	SUPPORTING DOCUMENT
150312T0157	Decision	0.1	Completed		Decided on project topic and assigned roles to each team member.	Final-Project-Proposal.docx
150318T1640	Work	1.1	Completed		Set up basic application. Functions so far are view the map, pick a route and see a step by step trip through the route. ATM only works in San Diego	N/A
150318T1710	To Do	1.2	In Progress		Change the applicaton to work on a global scale.	N/A
150323T1653	Cancelled	1.2	Cancelled		The app will no longer work on a global scale. We're going to use the public (free) envelope of San Diego	N/A
150323T1722	Upload	1.3	Completed		Saved a copy of the apps skeleton code (everything that was provided in the tutorial) to GitHub. From here we will add our other methods.	DrivingDirections.java
150323T1730	Note	N/A	N/A		Due to the use of the ArcGIS SDK by this point in the project timetable milestones 1-4 have been already been completed and will be skipped	N/A
150323T1742	To Do	5.1	In Progress		Edit the apps current algoritm to find the a route without making any left turns	N/A
150323T1753	To Do	6.1	In Progress		Once a route with no left turns is calculated. Find the quickest/most efficent path.	N/A
150323T2130	Work	5.1.1	Completed		Added if statement that check if the turn is left. If so currently the program just shows a temporary prints statement	DrivingDirections.java
150325T1559	Planning	N/A	Completed		In summary: As a group we've decided not to use the ArcGIS servers and are re- planning the project from the ground up. See attached document.	Project Re-planning.docx
150325T1733	Work	0.2	Completed	Hassaan & Paul	Read 2ME3 textbook to understand how to make the requirements document.	N/A

TIME STAMP	TYPE	TASK ID	STATUS	CONTRIBUTOR(S)	EVENT	SUPPORTING DOCUMENT
150326T1632	Work	0.3	Completed	Paul	Finished requirments & specifications report.	Requirements & Specifications.docx
150326T1646	Work	1.1	In Progress	Hassaan	Using input data files, created map including intersections and streets.	N/A
150326T1710	Research	1.1	In Progress	Trevor	Researched and tested making the map able to be panned through and zoomed in on.	N/A
150327T2021	Work	1.1	In Progress	Hassaan	Implements code for creating an edge weighted graph, jframe for displaying map, selfbalancingtree for storage and multiple ADT's for later use	Bag.java, Edge.java, EdgeWeightedGraph.java, JPanelTest.java
150329T0244	Work	1.1	In Progress	Paul	Enabled zooming and panning on map along with other features like adding stops a finding a route.	N/A
150330T0925	Note	N/A	N/A	N/A	We are now using ArcGIS's framework as a base for our application simply to display the graph to the user and allow for ease of navigation.	N/A
150330T1030	Work	1.1	Completed	Paul	Finished setting up the GUI allowing the user to pick stops, find a route and reset current actions. Along with a working map of the data set.	N/A
150330T1032	Work	2.1	In Progress	Hassaan	Worked on implementing Dijkstra's algorithm to calculate the shortest path from one intersection to another.	N/A
150330T1340	Work	2.1	Completed	Hassaan & Paul	Finished impletements Djikstra's algorithm to find the shortest path for our data sets.	DijkstraSP.java
150331T1123	Work	4.1	Completed	Paul	Added method to find the closest instersection on the map to where the user has clicked for routing purposes.	N/A
150331T1213	Research	5.1	In Progress	Hassaan	Researched how to implement avoidance of left turns based on our code	N/A
150331T1320	Research	4.2	In Progress	Trevor & Paul	Researched making the map display the route calculated by Dijkstra's algorithm.	N/A
150331T1435	Research	4.2	Completed	Trevor & Paul	Decided on implemtation to follow for displaying the route on the map.	N/A
150331T1646	Work	4.3	Completed	Paul	Implemented method to run through the shortest path and display it to the map.	MapGenerator.java