

Time Log Time Your Trip

Member	Tasks	Hours Per Task (Sept 14 - Oct 20)	Total Hours (Sept 14 - Oct 20)	Hours Per Task (Oct 20 - Nov 21)	Total Hours (Oct 20 - Dec 5th)	Status of Task
James Zhou	Create SQLite Database based on TransLink GTFS data	7	17		55	Completed
	Connect SQLite database with Android app	5		10		Completed
	Create queries to extract bus stop information based on user input	5		10		Completed
	Created custom Adapter to display bus stops into ListView			2		Completed
	Created unit tests for database query and Google Distance Matrix API			5		In progress
	Linked different functionalities together to generate first use case			15		Completed
	Create Map fragment that Create offline			15		Completed

	feature					
	Design Document (Design Patterns)			3		Completed
Johannes	Setting up project in Android Studio	1h				Completed
	Implementing Network request methods with help of Volley library	2h				Completed
	Implementing several parse methods to access the Translink database	6h	12.5h			Completed
	Design document	2h				Completed
	Organizing code into ViewController and Helper classes	1.5h				Completed
	Integrating Bus and Stop objects			1.5h		Completed
	Creating ListView and filling it with data from Translink (next Buses)			2h		Completed
	Test plan document			1h		Completed
	Added Query to Google to get estimated time between two locations			4h		Completed
	Creating custom ListView with custom Adapter class for next Buses List			3h	41.5h	Completed
				1h		Completed

	Ordering nextBusesList by departure time			1h		Completed
	Implementing keeping track algorithm			7h		Completed
	Exporting keeping track algorithm into Service class and refine it			5h		Completed
	Add permanent notification to Notification centre			4h		Completed
	Implement offline functionality			7h		Completed
	Refactoring			2h		Completed
	Final documents work			3h		Completed
Sirine	Initial Requirement and user stories doc: initial use cases	3h				Completed
	Updated Requirement and user stories doc: updating uses cases (2stories: startUp and provide a valid set of info)	3h				Completed
			13h			Completed
	Preliminary Design Doc: discussing and planning the	4h				Completed

	original UI, took care of the description					
	Updated the UI (using a viewList instead of dropdownList) and edited the design doc(Worked on the UI part and added the description of the system architecture)			4h		Completed
	worked on the verification part for the Test Plan doc and edited the UI tests			4h		Completed
	Fixed the output of the buses list and updated the UI of the launcher and buses page			2h		Completed
	Added the search view on the launcher page			3h	35h	Completed
	removed unnecessary description from the launcher page, changed the search view color and fixed the status bar			2h		Completed
	Performed manual	3h		2h		Completed

	tests for ui and back-end					Completed
	collected the bugs encountered and worked on the developer section(structure of the source code directory, how to build the project and how to find the source code)			4h		
	Add a favorite button so that users' favorite bus stops will be stored in a favorite list			2h		Completed
	Add reset button so that if the user wants to start over, they will be directed to the launcher page			3h		Completed
	Bus stop and bus numbers are displayed on the toolbar			1h		Completed
	-update design doc GUI part and added the developer section			3h		Completed
	-polished the ui (background colors, sizes..)			1h		Completed
	-performed manual tests			2h		Completed
	-update test doc,			2h		Completed

	add some tests for the ui (for online part)					
Navjashan Singh	Setting up project in Android Studio	1h	14 hours			Completed
	Creating a main activity to get input from the user	2h				Completed
	Generating a query from the input by the user	1h				Completed
	Creating a finalQuery activity to receive the query generated	2h				Completed
	Creating an intent to transfer the control between activities	1h				Completed
	Design document	3h				Completed
	Integrating the project structure to combine the functionalities of Translink Handler and TranslinkUI classes	4h				Completed
	Creating an alarmTimer activity to keep track of the alarm			2h	42h	Completed
	Computing an algorithm to convert the total seconds to hours, minutes and			2h		Completed

	seconds					
	Test plan document (Non functional testing)			3h		Completed
	Adding an alarm sound to go off when the timer ends			1h		Completed
	Structuring the display of hours, minutes and seconds display based on the total seconds			2h		Completed
	Handling the bugs in the alarmTimer class			2h		Completed
	Created a test class to test mainActivity			2h		Completed
	Implemented a GPSchecker class to check if the user is connected to GPS			2h		Completed
	Created an Intent to connect to mobile settings to allow the user to enable GPS easily			2h		Completed
	Updated requirements document (Non Functional - Security Requirements,			3h		Completed

	<p>Software Quality Attributes)</p> <p>Implementations of the tests(busTests, stopTests, mainActivitytests, translinkHandlertests, offlineServiceTests)</p> <p>Improved algorithms and fixed bugs</p> <p>Implementation of tests for other classes</p> <p>Worked the requirements document(Validation)</p> <p>Added an improved app sound</p> <p>Refactored the code for quick execution</p> <p>Worked on the testing document(non functional and some functional tests)</p>			<p>10h</p> <p>1h</p> <p>2h</p> <p>3h</p> <p>1h</p> <p>2h</p> <p>3h</p>		<p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p>
Yixin Zhao (UI will need to be improved as well as	<p>First Version of Requirement and Use Cases document</p> <p>Design the UI and</p>	2h				Completed

the documents)	Design document: UI and create the UI on FluidUI	4h	8h		31h	Completed
	Updating Requirement and Use Cases document	2h				Completed
	Change the UI and create the ListView Updated design document			4h		Completed
	Test Plan Document: Intro, Adequacy, UI test cases			4h		Completed
	Change the design of UI and doing the launcher page			2.5h		In progress
	README.md file and formatting			4h		Completed
	Update requirement document			1h		Completed
	Navigation bar and favorite list on launcher page plus small changes to search bar			6h		Completed
	Change the color of texts and the buttons.			3.5h		Completed
	Updating design document			1.5h		Completed

	Updating test plan document and reflection			1.5h		Completed
	Do the icon			3h		Completed