

Shiva Exports Ltd

Logistics Management System

Project Status Report 1

Saad Khan, 101157307

Veronique Lemieux, 101106553

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Jeremy Thibeau, 101157911

Date of Report Issue/Prepared:

January 19 , 2020

Report Prepared By:

Team Members: Saad Khan
Veronyque Lemieux
Sergio Lombana
Ian Miranda
Jeremy Thibeau
Stakeholder: Tanya Arora

Employer/Organization:

Shiva Exports Ltd.

Project Name:	Shiva Exports Logistics Management System	
Project Team:	T07	
Period Reporting:	Start Date: Jan 06, 2020	End Date: Jan 19, 2020
Overall Project Health:	Green	

Summary:

Project Status Summary
<ul style="list-style-type: none">- General:<ul style="list-style-type: none">- Git repository created- Front-End:<ul style="list-style-type: none">- Angular project created- Most UI pages (login, reset password, home, assets, and routes) completed and displaying as expected- Routing between pages completed using Angular best practices- Back-End:<ul style="list-style-type: none">- Database script first draft prepared- Plan for database testing/production nearly completed

Accomplishments as Planned	Planned but not Accomplished
UI construction for login, reset password, home, assets, routes pages	Front-end to back-end connectivity for basic data reading
Git repository creation	Database set-up and workflow testing
AWS configuration with database (Spring Boot eliminated)	

Upcoming Objectives for Jan 20, 2020 to Feb 2, 2020:

Planned Activities/Tasks for Next Period			
Activity/Task	Assigned To	Duration	Date
Set up database and testing workflow	Jeremy, Ian	3 days	Jan 20, 2020 to Jan 23, 2020
Connect front-end to back-end for basic data reading	Jeremy, Ian	3 days	Jan 20, 2020 to Jan 23, 2020
Design initial database	Jeremy, Ian, Sergio	4 days	Jan 20, 2020 to Jan 24, 2020
Finalize database	Jeremy, Ian, Sergio	13 days	Jan 20, 2020 to Feb 1, 2020
Decide logging of data for security, tracking, and errors	Veronique, Saad	13 days	Jan 20, 2020 to Feb 1, 2020
Create initial design for import assets, add assets, edit asset, add route, edit route, view truck list	Veronique, Saad	13 days	Jan 20, 2020 to Feb 1, 2020

Milestones for Next Period		
Milestone (Objective)	Assigned To	Delivery Date
Establish connectivity between front-end and back-end	Jeremy, Ian, Sergio	Jan 23, 2020
Finish remaining initial UI designs	Veronique, Saad, Sergio	Feb 1, 2020

Managing Issues and Risk:

Issues/Problems	Resolution Strategy	Due Date
Connectivity between front-end and back-end	Plan established to use Express as our tool to connect front and back-end	Jan 23, 2020
Conflicting designs for front-end navigation	Research and explore different navigation templates to find a simple and user friendly option which minimizes the number of transitions	Feb 2, 2020

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
Ensuring that application works around common security issues	Med	Med	Parameterizing inputs, not storing data in plain text, AWS security groups
Establishing automatic jobs that take place to backup database, and track system information	Med	Med	TBD

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Project Status Report 2

Saad Khan, 101157307

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Ian Miranda, 101163981

Jeremy Thibeau, 101157911

Date of Report Issue/Prepared:

February 02, 2020

Report Prepared By:

Team Members: Saad Khan
Veronyque Lemieux
Sergio Lombana
Ian Miranda
Jeremy Thibeau
Stakeholder: Tanya Arora

Employer/Organization:

Shiva Exports Ltd.

Project Name:	Shiva Exports Logistics Management System	
Project Team:	T07	
Period Reporting:	Start Date: Jan 20, 2020	End Date: Feb 02, 2020
Overall Project Health:	Green	

Summary:

Project Status Summary
<ul style="list-style-type: none">- Front-End:<ul style="list-style-type: none">- UI for route form completed and displaying as expected- Updated UI of login page- Created map component using Open Street Maps- Back-End:<ul style="list-style-type: none">- CRUD operations for Assets is functional- Reading operations for Routes is functional- Hashed passwords for safer storage- Login validation using JWT tokens implemented

Accomplishments as Planned	Planned but not Accomplished
CRUD operations for Assets	Create, update, delete operations for Routes
UI for Route form that checks off Assets in the main table.	Displaying overlays over the map component
Displaying a map component using Open Street Maps	
Further development on the Database SQL script	

Improved UI for login page	
Login authentication and validation using JWT tokens	
Securely storing passwords using hashing	

Upcoming Objectives for Feb 3, 2020 to Feb 23, 2020:

Planned Activities/Tasks for Next Period			
Activity/Task	Assigned To	Duration	Date
Importing Excel sheets to insert into database	Jeremy	5 days	Feb 3 to Feb 8
CRUD operations for Stops	Ian	5 days	Feb 3 to Feb 8
Create, update, delete operations for Routes	Ian	5 days	Feb 8 to Feb 20
Recover Password page	Sergio	3 days	Feb 3 to Feb 5
Overlays over map component	Saad	4 days	Feb 3 to Feb 7
Truck overview	Saad	1 day	Feb 7 to Feb 8
Asset overview	Saad	1 day	Feb 8 to Feb 9
Import assets UI	Veronyque	4 days	Feb 3 to Feb 7
Truck list page	Veronyque	4 days	Feb 7 to Feb 11

Milestones for Next Period		
Milestone (Objective)	Assigned To	Delivery Date
Implement remaining UI designs	Saad, Veronyque, Sergio	Feb 20, 2020
Continue to develop database, server, and front to back-end connectivity	Sergio, Ian, Jeremy	Feb 20, 2020

Managing Issues and Risk:

Issues/Problems	Resolution Strategy	Due Date
Creating desired UI elements for the overlay with the Open Street Maps API.	Continue to research the Open Street Maps API and if the current path does not work, explore other possible options within the api or with another dynamic map API.	Feb 07, 2020

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
Possibility of bugs or unexpected behaviour having deployed the database, server files, and the front-end app to Amazon Web Services for testing.	Med	Med	Deploy a version of the application and conduct tests on common workflows.
Common security challenges when deploying application with sensitive information to a cloud platform.	Low	High	Research and follow best practices like for example transporting sensitive data using an encryption protocol such as Transport Layer Security (TLS) or IPsec.
Compromising stakeholder's data when integrating our database with theirs.	Low	High	Research and follow best practices and only access data as needed ensuring to never store images of stakeholder data.

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Project Status Report 3

Saad Khan, 101157307

Veronique Lemieux, 101106553

Sergio Lombana, 101137768

Ian Miranda, 101163981

Jeremy Thibeau, 101157911

Date of Report Issue/Prepared:

March 18, 2020

Report Prepared By:

Team Members: Saad Khan
Veronyque Lemieux
Sergio Lombana
Ian Miranda
Jeremy Thibeau
Stakeholder: Tanya Arora

Employer/Organization:

Shiva Exports Ltd.

Project Name: Project Team: Period Reporting: Overall Project Health:	Shiva Exports Logistics Management System		
	T07		
	Start Date: March 2, 2020		End Date: March 15, 2020
	Green		

Summary:

Project Status Summary
<ul style="list-style-type: none">- Assets fully functioning to be read, created, updated, and deleted in database- UI nearly fully functional through navigation between all required pages- Routes and Stops beginning productions- Test deployment to AWS successful- Open Maps API begun to be integrated into project

Accomplishments as Planned	Planned but not Accomplished
CRUD functions for Assets	Completion of Routes/ Stops CRUD functions
UI updates (delete confirmation dialogs, table paginations, table filters + searches, etc)	
Test deployment to AWS	
OpenMaps API integrated into project	

Upcoming Objectives for Mar 15, 2020 to Mar 27, 2020:

Planned Activities/Tasks for Next Period			
Activity/Task	Assigned To	Duration	Date
Finalization of Assets	Jeremy	8 days	March 17 2020
Finalization of stops/Routes	Sergio and Ian	11 days	March 20 2020

Polishing UI	Veronyque	11 days	March 20 2020
Completion of Map	Saad	11 days	March 20 2020
Final Testing	Everyone	11 days	March 20 2020
Deployment to AWS	Everyone	11 days	March 20 2020
Finishing log functions	Jeremy	11 days	March 20 2020

Milestones for Next Period		
Milestone (Objective)	Assigned To	Delivery Date
Individual contributions completed	Everyone	March 20, 2020
Testing	Everyone	March 20-26, 2020
Completion of project	Everyone	March 27, 2020

Managing Issues and Risk:

Issues/Problems	Resolution Strategy	Due Date
Database connections	Testing pool vs closing connections	March 20 2020

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
Deployment to AWS	Med	Hi	Finishing project in enough time to ensure project deployed correctly
Final testing	Hi	Hi	Ensuring many scenarios are tested and completed