ITEC451 Activity 1

(As a group of two or three team members)

When an organization's problem is solved, the following seven-step model-building procedure should be followed:

1.	Formulate the Problem
	☐ Define the problem.
	☐ Specify objectives.
	☐ Determine parts of the organization to be studied.
2.	Observe the System
	☐ Determine parameters affecting the problem.
	☐ Collect data to estimate values of the parameters.
3.	Formulate a Mathematical Model of the Problem
4.	Verify the Model and Use the Model for Prediction
	☐ Does the model yield results for values of decision variables not used to develop
	the model?
	☐ What eventualities might cause the model to become invalid?
5.	Select a Suitable Alternative
	☐ Given a model and a set of alternative solutions, determine which solution best
	meets the organizations objectives.
6.	Present the Results and Conclusion(s) of the Study to the Organization
7.	Implement and Evaluate Recommendations