WATER TRANSPORT SYSTEM CONCEPT NOTE

Our project is targeting transport especially for ferries on the East African coastline. Transport along the coastline (most especially water transport) has been facing issues such as poor navigation in terrible weather conditions such as monsoons, time factor during transport where time taken is uncertain and it’s not a service easily available to all. These problems prove to be challenging when people or cargo being transported are delayed either on sea or at the port waiting for the ferry to arrive and the navigation of the ferry becomes problematic during monsoons hence resulting in accidents. These problems have greatly affected the people as their confidence in using ferries as a means of transport has been greatly reduced and the ferry transport sector has been falling apart little by little due to the number of passengers it is experiencing.

Varies measure have been undertaken to resolve this problem but the problems have either not been solved completely or the problems have been solved at all. We have noted with great concern that there are certain gaps, and we propose to use our system to fill those gaps. Users in our system can create an account where they are able to enter their name, idNo, route they would like to take and see how much it would cost to go from one point to another. Our system also allows user who are transporting cargo to enter the weight of the cargo they are transporting and to be charged accordingly. It also allows the user to view their options of travel and search for alternatives. We can access the system and update it by changing the rates of transport for either passengers or cargo. The user can as well delete a trip that they may have booked by mistake or incorrectly.