Responsibilities of Sejuti Banik: FlowAssignment.jar is programmed by her. In the FlowAssignment, there are three classes namely- Pair.java, Graph.java and TestDriver.java

Building the Pair.java class: for building a source, destination and weight tuple for every edge for every vertex.

Building the Graph.java class: for building the Graph through 2 dimensional Linked List, 1st dimension contains vertex and 2nd dimension contains the edges and weights. The Linked List represents the adjacency list of the graph. Moreover, besides the constructor of Graph, the functions for printing the graph to visualize the vertex-edge connection, the function for running the Breadth First Search Shortest Path and also function to print the result of Breadth First Search Shortest Path are defined in the Graph.java class.

Writing the TestDriver.java class: This class contains the main file to run the program. The main reads input from files. Then it builds the graph depending on the adjacency list data from the file making necessary changes. Then the main function runs Breadth First Search to find shortest path and prints the path in terms of visited vertices if a path exists. Otherwise it prints: There is no path among source and destination (prints the associated source and destination)