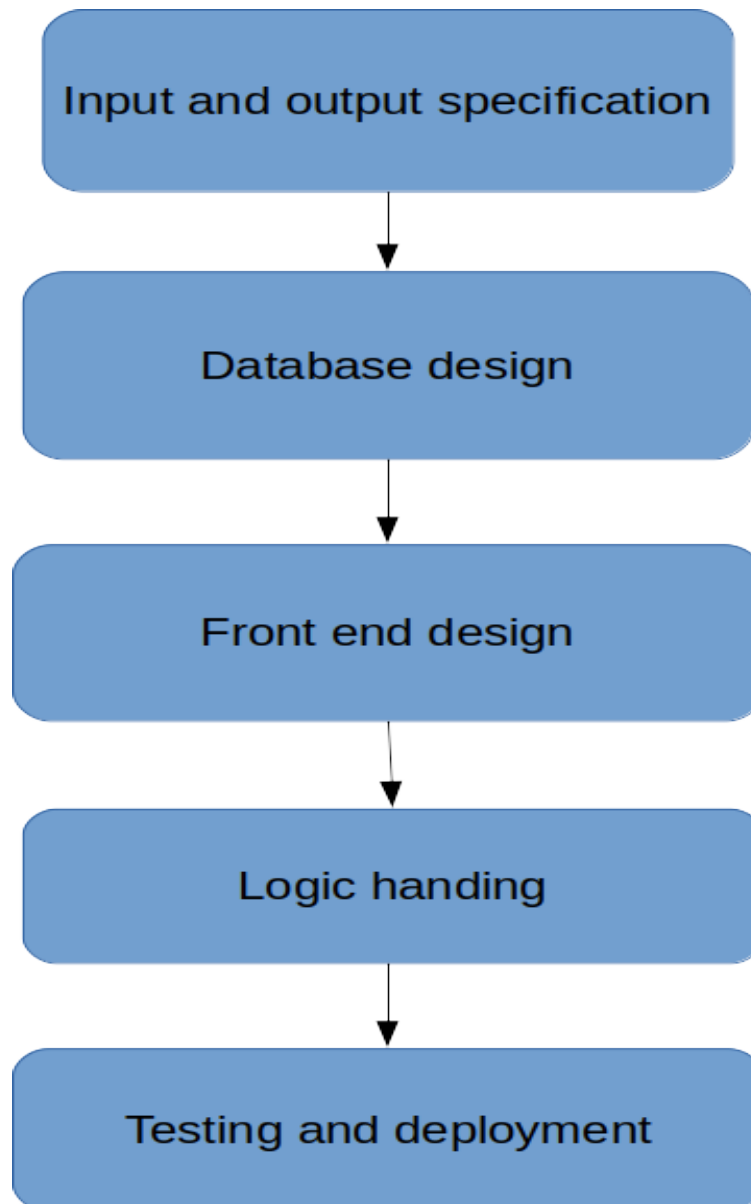


---

## SYSTEM DEVELOPMENT PROCESS

---

### FLOWCHART



### **input and output specification:**

define and analyze the input variables required for both parties involved i.e between the importers and exporters.

- These will be laid out in a meeting between you and the developers.
- Establish relationships between the inputs and the outputs.
- Sort the inputs with respect to data requirements; i.e a given input falls into a particular set of inputs in the project
- Specify the methods of data collection~ ways and sources of extracting the data.

### **Database design:**

Design and develop a database for for storing the inputs specified in the input.

- Data types
- API's to use (REST,)
- Frameworks (Django)
- Database architecture(SQL)

specification stage:

### **Front End Design:**

1. GUI design (HTML, JavaScript, React, CSS)

### **Logic Handling:**

- How to handle database calls, interconnecting the front end and the back-end.
- Programming(Python back-end, Django API)
- Block-chain integration between processes.

### **Testing and deployment:**

- The project will be hosted locally for testing and debugging purposes
- We will later deploy to amazon web hosting services.