

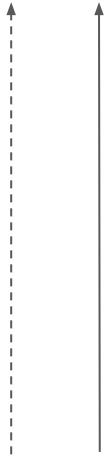
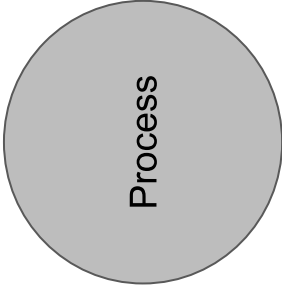
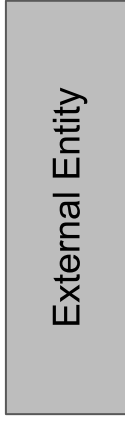
Theory to Practice Group Exercise

- Break into groups of 2-4
- As a team, select a process that could use a Data Flow Diagram
- Apply the Data Flow Diagram technique
- Prepare for a report out about your experience
- Exercise Time: 20 min for Data Flow Diagram
- Report out Time: 15 min total for all groups + “Ah-ha!”

Tips & Tricks

- Start with Level 0 (the context, the whole system as a single process, focus on external customers)
 - Think about scope and boundaries, the customers, how information enters and leaves, what changes are made to the data, and where that information is stored
- Try to keep simple and easy to follow
- Logical for analysis and flow
- Physical for how to build

Copy paste the symbols from here to your own data flow diagram!



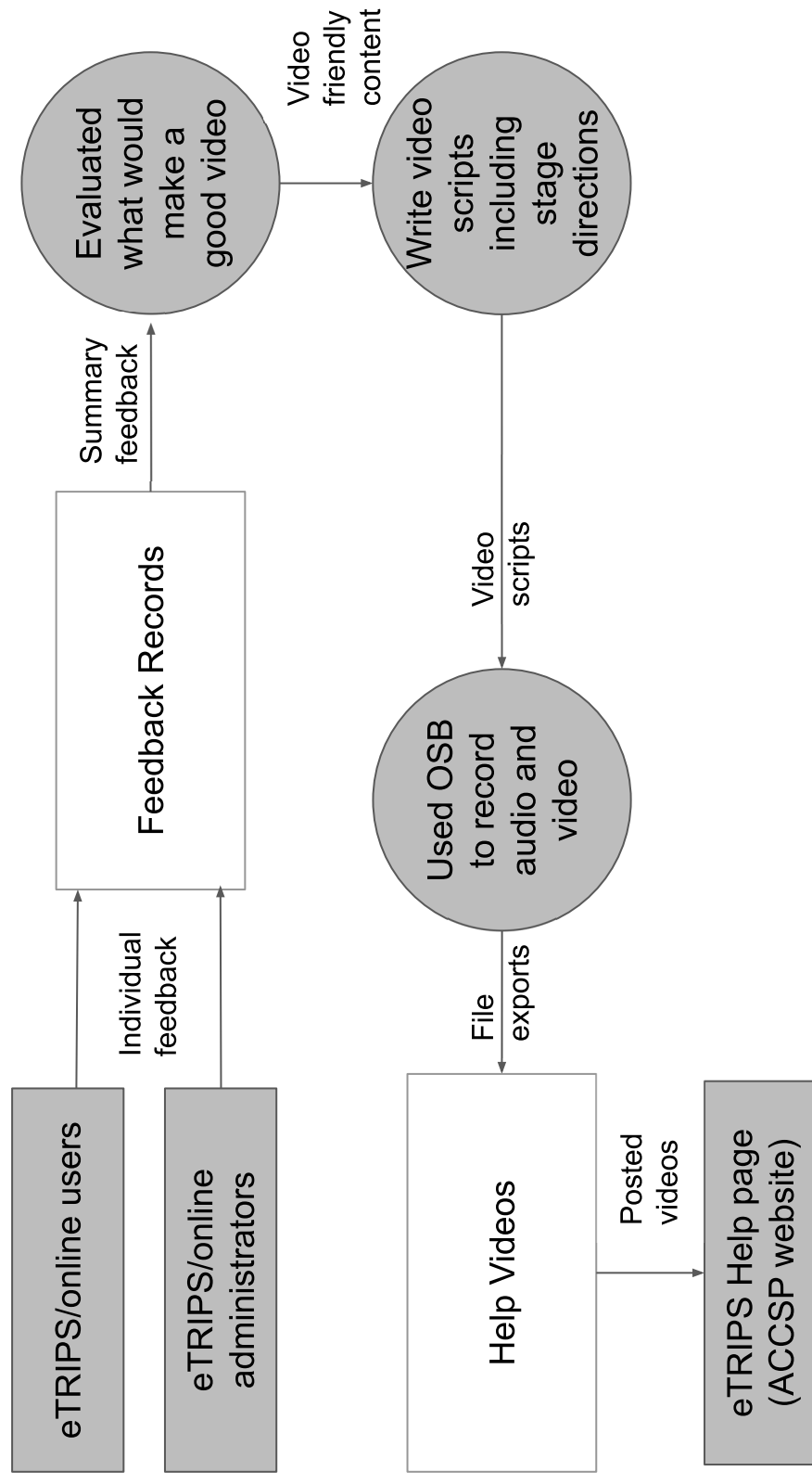
External Entity - external entity can represent a human, system, or subsystem

Process - a business activity or function where the manipulation and transformation of data take place

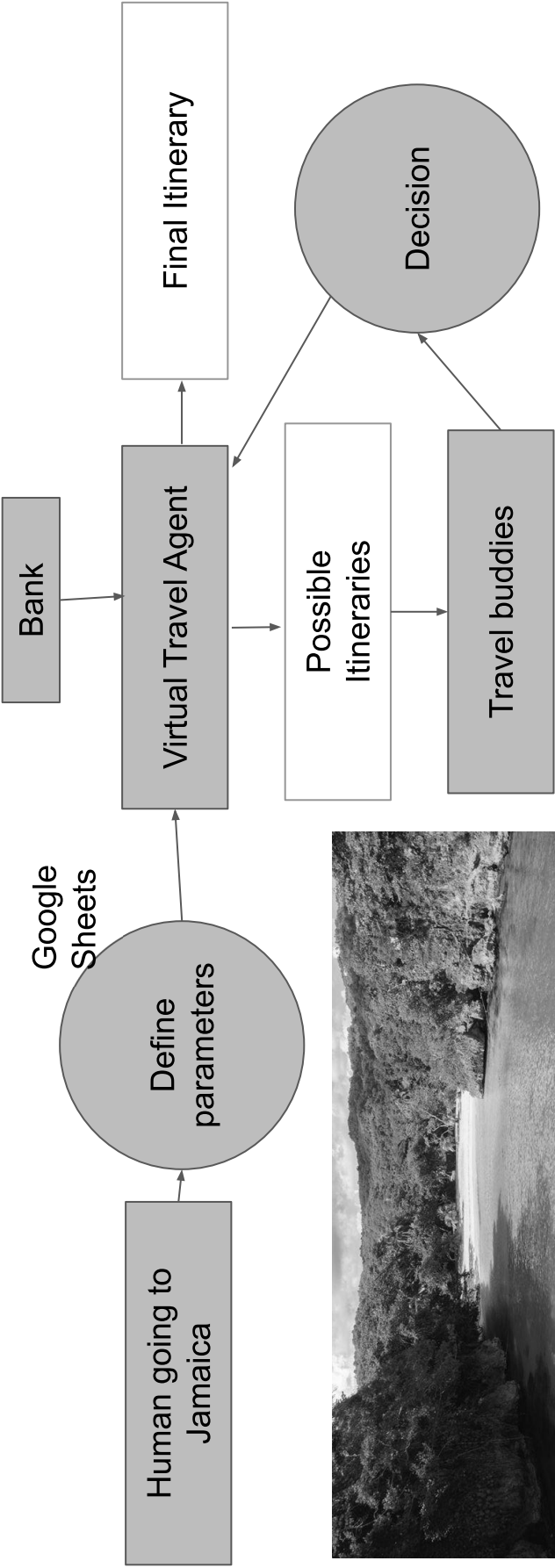
Data Store - storage of persistent data required and/or produced by the process

Data Flow - flow of information that shows arrowheads at the end(s) of the flow connector

Group 1 Process Description: Creating help videos



Group 2 Process Description: Going to Jamaica



Group 3 Process Description: Semester Grading

