

# COPIS Diagram Project Group 9

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## Customer

Someone, internal or external to the process, who receives the output

- Customer 1
  - individual using the web application

- Customer 2
  - organization that wants to use chunks of movement/location data for themselves or other businesses



## Outputs

What you will give your customers after performing the process

- Customer can see list of most common modes of transportation (vehicular, biking, walking, running)

- Customer can see breakdown for each activity (time spent, distance traveled, calories spent if applicable)

- Customer can log-in and results will be customized.
- (web app needs to enable multiple users)

- Customer can see a graphical representation of their customized data



## Process

Steps completed to turn your from inputs to outputs

Start

Store Data in non-relational database (MongoDB)

Process and sort relevant data using Java

Store processed data in database (type TBD)

Processed Data accessible via simple Web Application



## Inputs

Resources required in your process (i.e. materials, services, or information)

- Data is currently stored as a JSON file with a single object, sorted by date
- Amenable to change

- Minimum requirements for valid data:
  - Date
  - Activity Type
  - Distance Traveled

- (Advanced Feature)
  - Personalized User Data to provide more accurate results (weight for calories)



## Suppliers

Someone, internal or external to the process, who provides inputs for your process

- Data will be supplied through some movement tracking device
- (currently data is provided directly by the professor, but amenable to change)

- (Advanced Feature)
  - User will provide personal data to customize results