**Step by step task interaction model**

**Gather data process**

Field operation: Gets to the base of operations.

Field operation: Starts and logs into Hello\_World application.

Field operation: Gets into vehicle to start the day.

Field operation: Goes to the physical nest.

Field operation: Gathers physical data on the nest.

Field operation: Puts said data into field notes, etc.

Field operation: Uploads new nest data to the application database.

Field operation: Can access uploaded data later.

Field operation: Head to a new site or head back to base.

**Uploading data process**

Researcher: Begins Hello\_World application.

Researcher: Logs in with credentials.

Researcher: Downloads new data for area of interest.

Researcher: Analyzes data (location, how many turtles are located there, condition of the nest, etc.)

Researcher: Makes additional notes on the data.

Researcher: Sends the completed analysis of the data to the applications database.

Database: Processes newly obtained data and turns it into easily readable information for individual users to gain new knowledge trends on sea turtles in the area.