



# Cross-platform RFID positioning system

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[CPDM]

# Cross-platform RFID positioning system

## **Scope:**

Develop a Cross-platform application for indoor positioning of metal parts using passive UHF RFID system

Time lines:

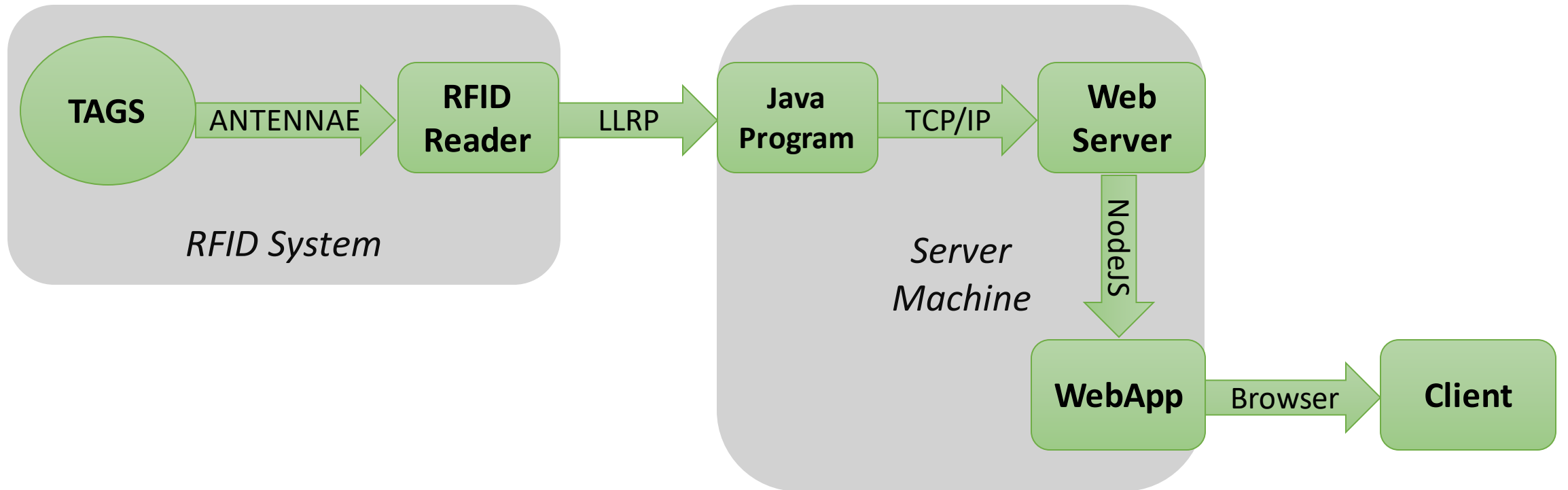
Project Start Date: 01-05-2019

Expected Completion Date: 30-12-2019

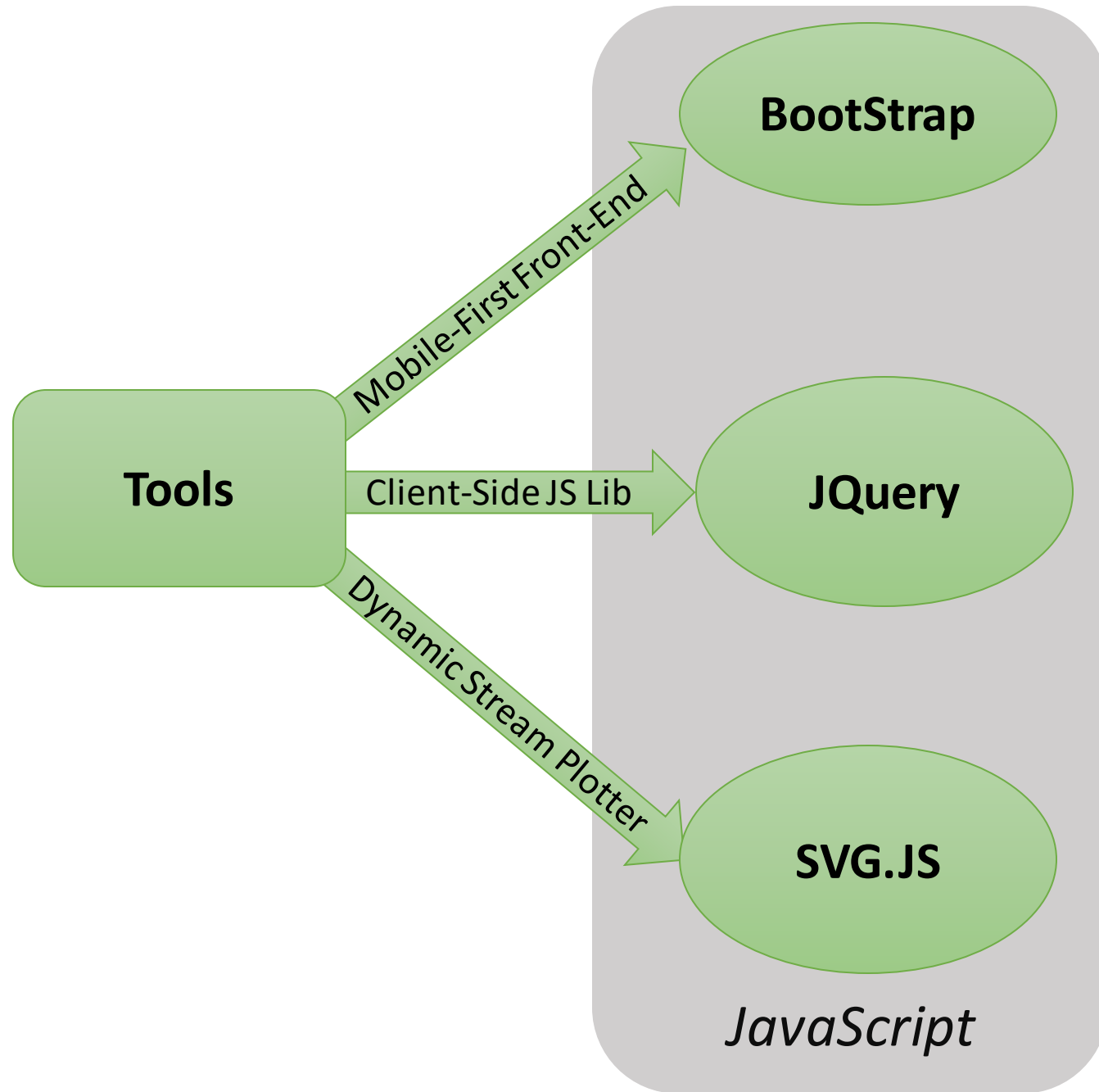
## **Objectives:**

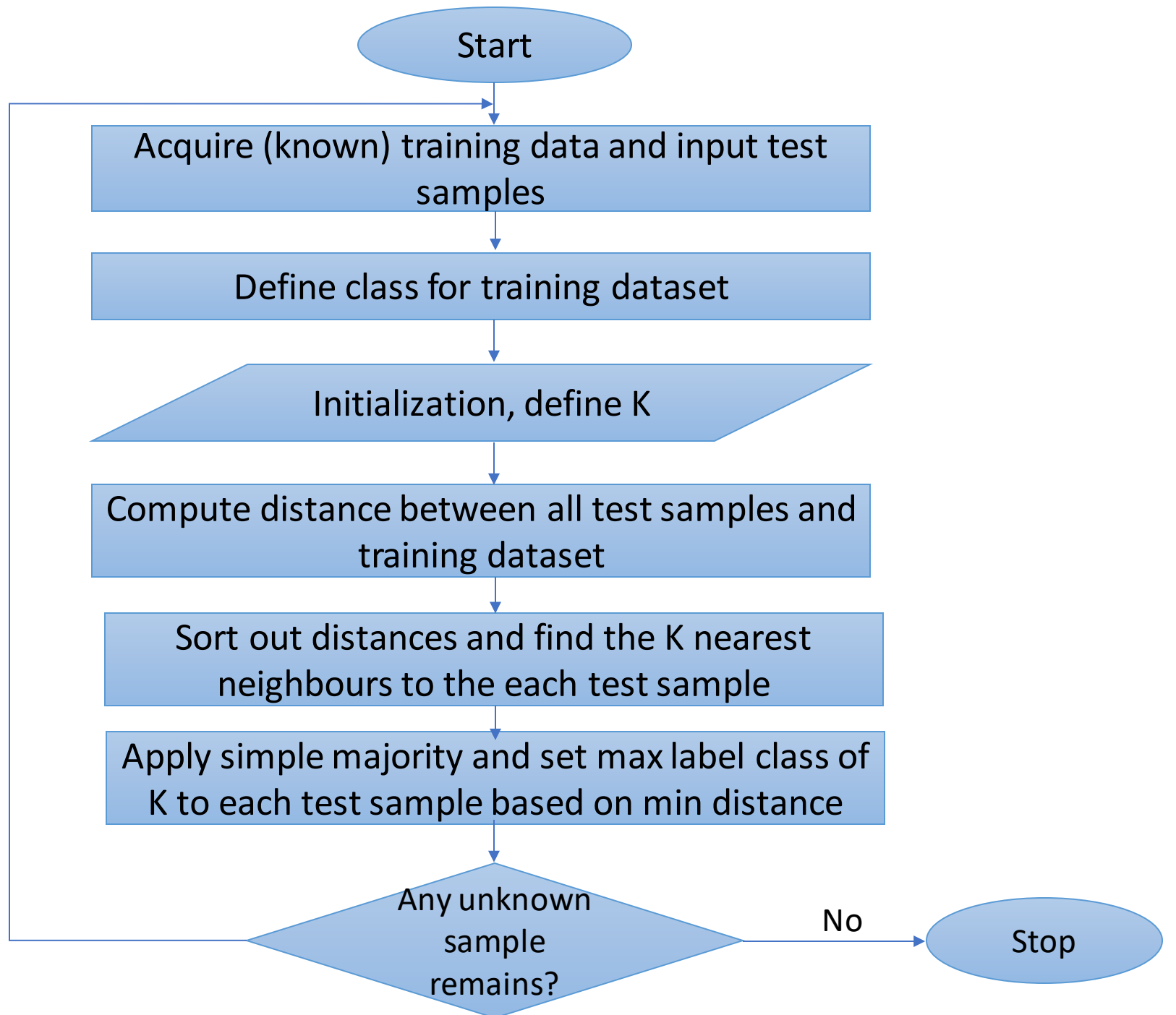
- Implementation of a platform independent communication server which reads the RFID tag data.
- DBMS of the collected data.
- Cross platform accessibility through web browsers.
- Visual representation of data captured.
- If possible, dynamic real time representation of tag position in 3d space.

# Process-Flowchart

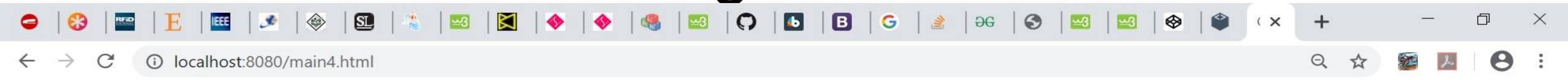


# Front End

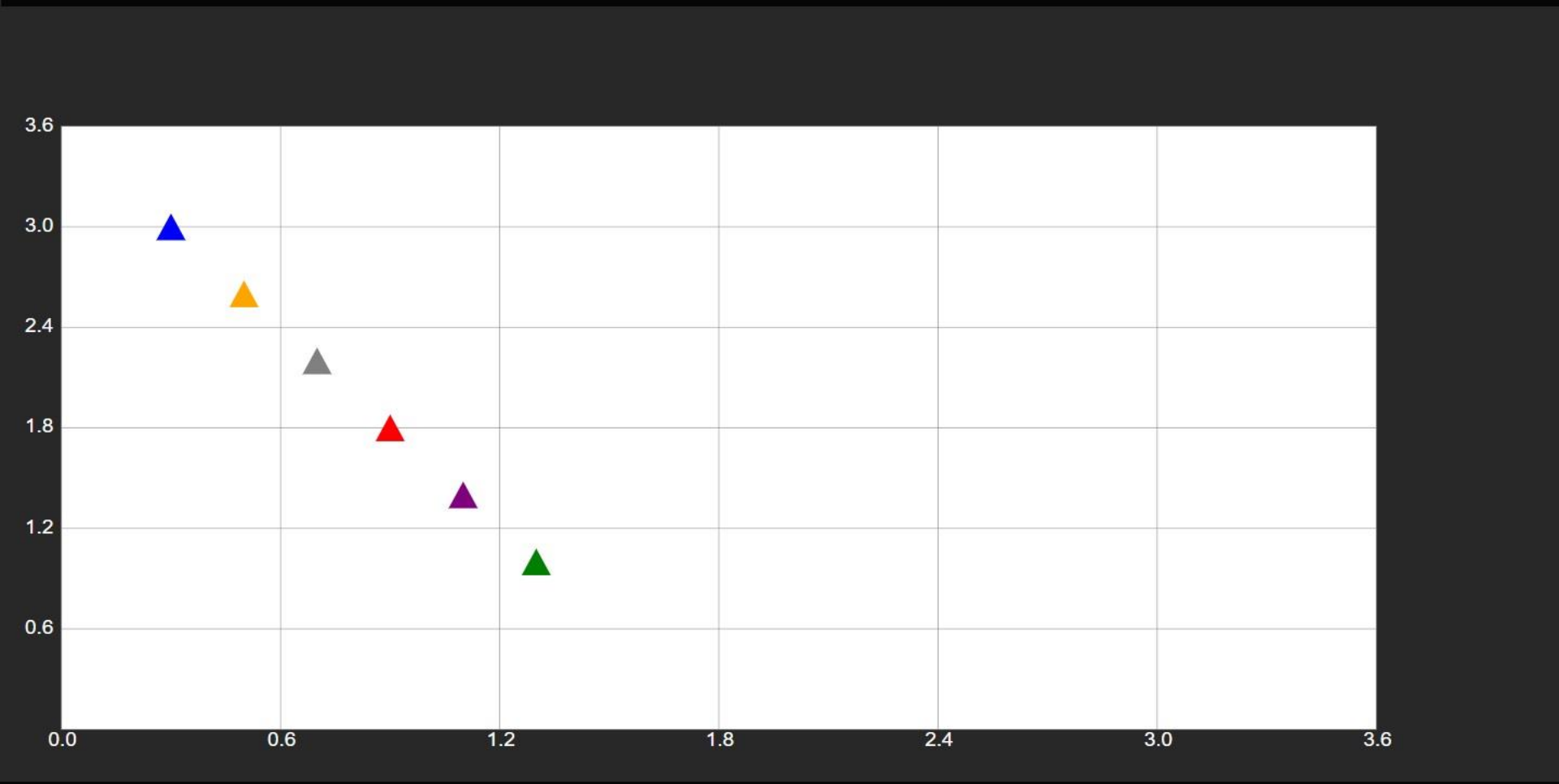




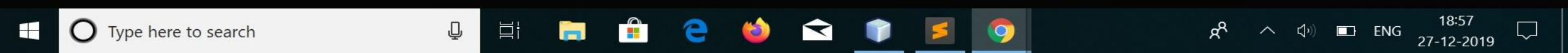
# Front End Using SVG with direction



RFID Home Tags Antennae About



Tag 1	-	-
Tag 2	-	-
Tag 3	-	-
Tag 4	-	-
Tag 5	-	-
Tag 6	-	-



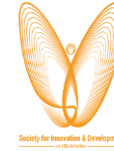


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# Thanks!