

# COMP3071 ASSIGNMENT#1 Spatial Inventory Using G.P.S

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**Step1: Create 3 shapefiles**  
Picnic\_Tables  
Light\_Posts  
Park\_Benches

**Step8: After opening Arc Pad on the G.P.S, Upload the Processed data on to the G.P.S**

**Step2: Project shapefiles according to there location; UTM NAD 1983 ZONE 17N**

**Step7: Once the data processing is complete, upload the Data to the G.P.S in Windows Mobile Device Center**

**Step9: Under the G.P.S position window, and under the G.P.S preferences tab, change the G.P.S settings to COM2: Communications port**

**Step3: Add the field "tagged" to all 3 created shapefiles**

**Step6: In the form wizard, under the "Controls manager", select the "Tagged" box as required**

**Step10: Once again, under the G.P.S position window, Activate the G.P.S by selecting the G.P.S active tab**

**Step13: Upload the G.P.S data on to a computer and add the data into Arc Map for further editing and G.I.S mapping procedures**

**Step4: Choose "New Layer Definition Project"**

**Step5: In Arc Pad Studio, select the shapefiles set in your directory, and in the form wizard uncheck the "ID" box in the "Fields Manager"**

**Step11: Choose the layers of which you want to edit the data and and select "Capture Verticies" in order to indent the point and coordinates.**

Name	Type
Light_Posts	Shapefile
Park_Benches	Shapefile
Picnic_Tables	Shapefile

**Step12: Choose "T" for true or "F" for false if the current layer you are editing has been tagged for monitoring procedures**