**PROJECT DEVELOPMENT AGREEMENT**

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| **NAME OF THE PROJECT** | Ship Intrusion System Using 3 axis Accelerometer |
| **OWNER NAME** | Saurav Kumar |
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| **PROJECT ID** | ELRMD059046 |
| **LOCATION** | Delhi |
| **LAST DATE** | 27/12/2017 |
| **MAKER NAME** |  |
| **MAKER CONTACT** |  |

**DESCRIPTION –**

Detecting waves generated by a small boat model using 3 axis accelerometer connected to Arduino Uno. Sending the data detected to laptop by a wireless module. Comparing the data detected with a data already stored.

Points to ponder -

1. In the ideal state the water will be having silent/uniform waveform.
2. The device will record the waves from a particular distance.
3. The motion of boat will have a particular range in order to generate waves in particular range.
4. The data can be sent using Bluetooth/Wi-Fi either by Http post or any other feasible method.

**APPLICATION –**

1. Whenever the boat will pass through water, waves will be created. Wave’s unit/range will be created using the device.
2. The device will wirelessly send the data to the system/database.
3. The localhost system will have a web based control panel that can be used to show reporting of the data and further analyze the activities in the water.
4. The data can be used to compare the identified boat and unidentified boat using their specific wave creation power based on their velocity.

**HARDWARE MATERIAL –**

**SOFTWARE MATERIAL –**

**DEVELOPMENT PROCESS –**

**TESTING PROCESS –**

**SCHEMATIC / CIRCUIT DIAGRAM (ANY ONE) –**

**FLOW DIAGRAM -**