**Vehicle Aperture Management**

**Problem Statement:** When the vehicle fell into water or if any floods come and water fills into the vehicle cabin as engine fills up then more number of deaths will be noted as the water is filled into cabin and with lack of oxygen inside.

**Problem solution:** To develop a automated program that closes all the vehicle AC/open slots automatically when the engine fills up with the water, so that water won’t be filled inside the cabin. In general this idea helps to reduce more number of deaths due to vehicle sink into water.

**Problem Implementation:** This idea can be implemented using Embedded Control Program.

Embedded control programming is developing code to be used primarily on integrated circuits (or computer chips). It is generally a software that is embedded on the device itself, such as software that is internal to devices from a remote control to a full-fledged robot.

As for the device related to this idea, Java code should be developed to get the notification when the engine is filled and automatically open slots should be closed based on the Java instructions and a message should be sent from vehicle registered mobile number to help line/police station with location details for the rescue.

**Business Benefit:**

This is kind of prototype that should be assembled in the vehicle to close the AC/Open slots(Apertures) immediately that will help automobile industry business associated with IBM