**IDEATION PHASE**

**BRAINSTORM AND IDEA PRIORITIZATION TOP THREE IDEAS**

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| **Team Leader** | **Madhavan S** |
| **Team Mates** | Mithileash TMohammed Maaz K **Mohamed Irfan A** |
| **Project** | **Signs with Smart Connectivity for better road safety** |

**Brainstorm Top 3 Ideas**

**Idea 1:The sign boards are used as dynamically instead of statically**

* A system which has digital sign boards on which the signs can be changed dynamically.
* If there is rainfall then the roads will be slippery and the speed limit would be decreased.

**Idea 2:By using webapp we can enter and retrieve the data and the correct sign symbols are displayed accordingly**

* There is a web app through which you can enter the data of the
  + - * Road diversions &
      * Accident prone areas
* The information sign boards can be entered through webapp.
* This data is retrieved and displayed on the sign boards accordingly.

**Idea 3:By using Software and Hardware these project can be done**

* **Software**
  + - * Arduino IDE
      * Embedded C
* **Hardware**
* NodeMcu ESP8266