

Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID22491
Project Name	Project - Signs with smart connectivity for better road safety
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- To replace the static signboards with digital smart connected signboards which updates the realtime signs from the weather API automatically.
- This project contains several process before the final smart sign boards this includes WEB UI, node RED & cloud Watson IOT platform for cloud update to the boards.
- To Assist the end users such as NHAI ,Pedestrians ,Traffic police & travellers
Some of salient features was added adaptable by current environment and mode can be selected by provided buttons .
- This solution requirements are python code, cloud services & weather API .

