

## Assignment-1

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1) Define a problem statement and give a brief executive summary snapshot.

A) Executive summary.

B) Project description.

C) Project scope.

D) Project timeline.

⇒ Project Description:

As an keeping in consideration the increasing number of vehicles there is need of to ensure the safety as well. Currently as an initially starting company as of now will be only focusing on the bikes.

The world is becoming & everyone is in hurry towards their work or anything it can be.

so our company focuses on the safety of bikes. we are introducing the custom-made <sup>light-weight</sup> helmets.

our main focus will be on the people of age-

18-40. we'll be also focusing on the cars safety in future.

⇒ Executive summary:

Every year there are almost ~~are~~ 1,58,954 number of bike accidents in India. And in that 67% of the deaths occur in the age of 18-40. The states like MP, Karnataka, Kerala, TN, Telangana holds the highest share of accident fatalities (as of 2021). We will be ~~also~~ focusing on the decreasing of DND cases. with installing the sensor in the bike to detect alcohol. leading to cutting off the power.

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\* Scope : our scope is to keep the price of helmets minimum so that all the levels of people can afford. we will be ensuring that reducing the num. of accidental deaths.

We will be making our helmet ~~as~~ light-weight with proper measurements. we will be making the helmets with combination of carbon-fiber and expanded polypropylene (EPP) [As a shock absorber].