

# Team Name – RAM Boys

## Theme Selected – Health / Fitness

### Idea –

Diabetes Mellitus ("diabetes" for short) is a serious disease that occurs when your body has difficulty properly regulating the amount of dissolved sugar (glucose) in your blood stream. It is unrelated to a similarly named disorder "Diabetes Insipidus" which involves kidney-related fluid retention problems.

- Diabetes is in the top 10 account for more than 10 million deaths per year.

We aim to build a machine learning based android mobile application which will predict the diabetes by taking some information from user such as Insulin level, BMI, Age etc. Also it will suggest a Herbal or Allopathic remedy based on the feature values entered by the user. We will use neural networks for Images which will tell you the risk of being effected by diabetes.

- We will primarily focus on mobile users, therefore the hardware requirements like GPU's, Processor for our product will be very less as compared to the others.
- Language friendly for the users
- Lite software to expand the reachability.

### Plan of action –

ACTION	RESPONSIBLE	START	END	DETAILS
GOAL#1: TRAIN MODEL	MRIDUL	2/4/19	3/4/19	CLEAN DATASET AND TRAIN MODEL
GOAL#2: ANDROID APP	ROHAN	2/4/19	4/4/19	CREATE INTERFACE OF MOBLE APPLICATION
GOLA#3: JOIN MODEL	ROHAN & MRIDUL	4/4/19	6/4/19	MAKE LITE MODEL AND JOIN IT WITH ANDROD APP.