**PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP**

**PROJECT REPORT FOR WEEK 4**

**PROJECT TITLE : ESTIMATE OF CROP YIELD USING DATA ANALYTICS**

**MENTOR :BABY SHAMINI.P**

**TEAM MEMBERS : TADI PRASANNA REDDY  (TEAM LEAD)**

**VEMULA KHYATHI**

**VEERADIMMU GREESHMITHA REDDY**

**POTHURI SAI LAHARI**

**THUMMALA VYSHNAVI**

* After  knowing  about  the  Empathy map  we  are  more enthusiastic   about  the  project  and  started  with  week 4
* We started our week 4 with brain storming session and your team members actively involved in the brain storming and came up with new ideas.
* These are the ideas given by your team members

TADI PRASANNA REDDY: Estimating the crop yield by taking environmental conditions ,soil factors and recommending the crop for further years

POTHURI SAI LAHARI:Monitoring the health of crops using their stages like budding flowers etc

VEMULA KHYATHI:Finding relevant pesticides by model evaluation technique in order to increase the productivity

VEERADIMMU GRESSHMITHA REDDY:crop yield prediction with machine learning or AI also helps them in planning the logistics of their business. The application of AI and the use of related IoT devices in agriculture is thus wide.

TUMMALA VYSHNAVI: Digital Transmission network (DTN), a division of Schneider Electric, provides agricultural information solutions and market intelligence to its customers. Using DTN, farmers and commodity traders can access up-to-date weather and pricing data to better manage their business.