**AGVENTURE:**

1.Land Usage: A simple Web page developed in order to provide the

farmers/users an approximation on which crop yield will be

produced depending upon given input. Using input nitrogen,

phosphorous data we will tell which crop is better to

grow on your land. The atmospheric humidity, temperature, soil

moisture, soil pH will send as it is to the database. The latitude and

longitude sent by the GPS module is retrieved in the form of which

state they fall under.

2.Financial Audit: Farmer/User just go to the link or open the excel file and need to

fill the monthly sales, expense on the interesting interface from

that the sheet will show the profit graph using Excel.

3.Flood Mitigation: In this feature we use machine learning and we use rain

forecasting dataset and also the river flow data around region

using that we will build a algorithm which will catch some

unusual or some flood situation and by using SMPT,

MIMEMultipart we will send a mail to each and every user so

that prevention measures can be taken quickly. .