Team 2

**IDEA REPORT**

**On**

**FARM WAY**

**Problem statement:**

Farmers require resources and tools for farming. Usually, the interactions for getting the genuine tools and resources are done through offline and sometimes the farmers end up finding none or they might get less quality products or equipment. So, there is requirement for linking up the farmers with dealers and tools owner for finding resources for agriculture.

**Target Audience:**

Farmers will be most beneficiary through this application. They can find required tools and resources for their purposes with ease interaction with the application.

Dealers or vehicle owners can get the beneficiary customers and can get the business going with ease.

**Need for the Solution:**

For the effective farming and higher productivity, genuine fertilizers, automatized and efficient tools are required, which sometimes farmers may not get through offline interactions but can be provided with interactive application between farmers and the providers.

**Solution:**

In the age of technology, digitalization of agriculture has remained dormant in India and many other developing and under developed Countries. Agriculture requires many tools for preparation, plantation until the harvest and transport. Majorly farmers do not own most of these tools and they depend on certain dealers for those provisions and will be bought on rent basis. Most of these operations are done through the offline communications. Instead of these offline communications, we can develop an Application linking the farmers and the owners of the tools and vehicles. The interface majorly consists of a map, on which nearby available tools, which are pointed out to the farmers. The farmers can select best available tools based on their usage; cost and can proceed with their farming by taking the products for rent. The application also links farmers with the manufacturers of fertilizers and seeds which upon request will be directly delivered to the farmers with standard delivery charges. In this way the person who is owning the equipment or vehicles will get benefited by giving his equipment for rent instead of keeping it in the shed without any benefit. Fertilizers and seeds dealers will get benefited by promoting their products online this will be useful to increase the brand of a product and they can get maximum consumers for their product. Farmers will be benefited by getting genuine information related to Fertilizers, seeds, Best farming tolls for effective farming as a result productivity will be high, farmer can get best products for genuine price, instead of visiting multiple fertilizer shops farmer can stay at home an chose the best products, It consumes less time, Even researchers can also make use of the app for their further research on agricultural products.