

- Android application for Indian farmers



“JaiKisan”

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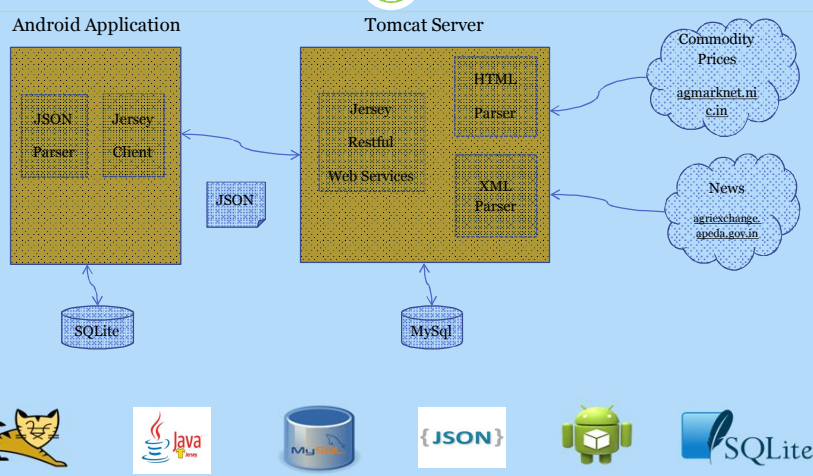
Farmers requirements

- Agricultural related News
- Current market prices for their goods(commodity)
- Market locations
- Making notes of the goods(commodity) sold

Why android ?

- Number of farmers using
- Cheaper
- Monthly 1 Gb free data for farmers

Technical aspect

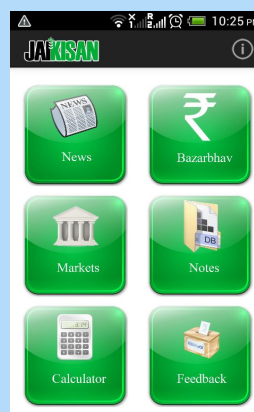


<http://lalit.linkpc.net:8080/jaikisan/rest/serviceprovider/commodityprice/rice>

```
@Path("/serviceprovider")
public class ServiceProvider
{
    @GET
    @Path("/commodityprice/{p}")
    @Produces(MediaType.APPLICATION_JSON)
    public Response returnPrice(@PathParam("p") String product) throws JSONException
    {
        JSONObject priceDetails = pullData.getPrice(product);
        String result = "" + priceDetails;
        if (!result.equals("{\"result\":[]}"))
        {
            return Response.status(200).entity(result).build();
        }
        else
        {
            String resultNull = "{\"result\":\"No Content Found\"}";
            return Response.status(404).entity(resultNull).build();
        }
    }
}
```

Application Features

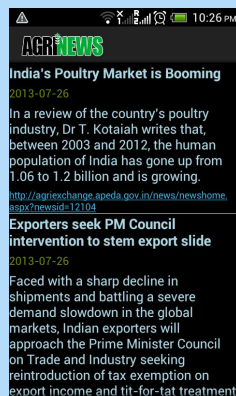
- News
- Commodity Prices(Bazarbhav)
- Markets
- Notes
- Calculator
- Feedback



Agricultural News

- List of news:

- Title
- Date
- Description
- Http link of news resource



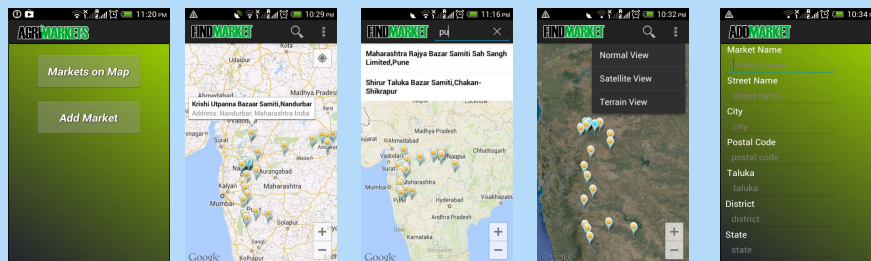
Commodity Prices

- Search commodity, sub Commodity
- 1 Month Maximum & Minimum prices
With graphical view
- Recent Maximum & Minimum price



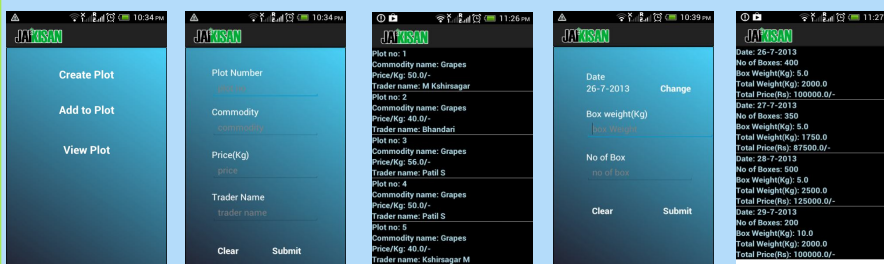
Agriculture Markets

- Find the markets on map
- Add Market to map request



Notes

- Make notes of the goods(commodity) sold

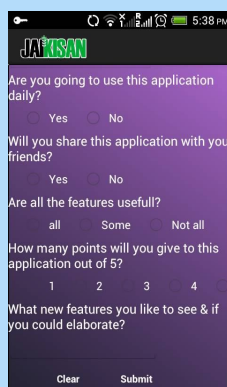


Future Work

- Calculator
- Native language support
- Alerts to Admin by E-mail
- Resources for commodity prices
- Making notes secure, add more addition features

User Feedback

- User can submit the feedback by filling the questionnaire



The screenshot shows a mobile application interface for a questionnaire. The app is titled "JAFISAN". The questionnaire consists of the following questions and options:

- Are you going to use this application daily?
 Yes No
- Will you share this application with your friends?
 Yes No
- Are all the features usefull?
 all Some Not all
- How many points will you give to this application out of 5?
1 2 3 4
- What new features you like to see & if you could elaborate?

At the bottom of the form, there are two buttons: "Clear" and "Submit".

Questions ?



?

Thank you