Women in Technology Hackathon 2020

Team : Runtime Terror
Prajakta Patankar
Shreya Joshi
Bharati Kulkarni
Neha Rathod
Minu Raju

Problem Statement

- Covid 19 – a global pandemic has gripped the world since several months. It has immerged as the single biggest threat that has unified humanity to fight for its eradication. It has impacted India in a huge way, with our diverse demography and the intricacies between sectors and its dependencies on its labour force, this pandemic has opened up our vulnerabilities in managing our labour resources.

- The Migrant issue which we have been facing in India as an after effect of preventive measures taken to restrict COViD-19 spread, has left individuals, families and livelihoods in tatters. It has also deferred the growth of various sectors like Infrastructure Development and Public works, Private Real estate Development, Transportation, Agriculture and many other labour intensive segments of the economy.

- Upon observing this problem, we concluded that labour resources in our country are not organized and don't have access to a common platform which can give them access to opportunities suited to their residence location, competencies and skills. This also highlights that organizations with requirements for labour resources, don't have access to them readily in their respective states
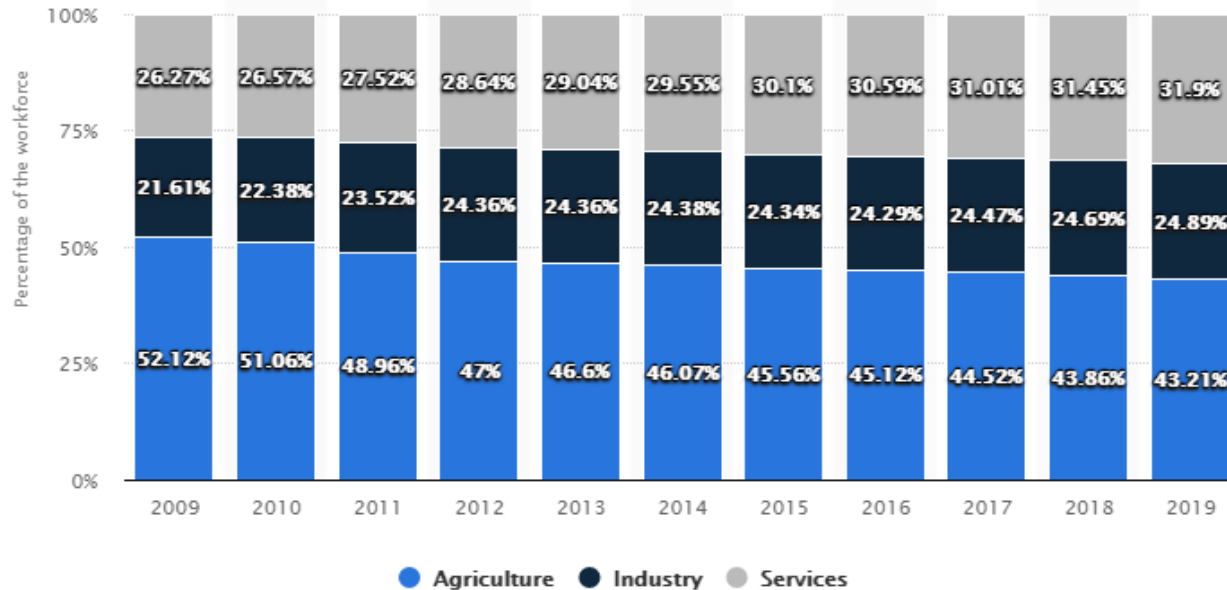
Proposed Solution

- We see technology as the most viable solution to effectively manage the labour pool of our country and minimize Migrant problems in the future. Technology can help us bring our labour strength to a common platform in a structured manner that gives them access to abundant opportunities available in our country.

- It will also help the labour intensive sectors of our country to tap into our labour resources more effectively.

- We propose a mobile application – **Shramik Bal**

  An employment portal for the labour force of India.

- This mobile application solution will work as the single biggest platform to serve over 350 million workers in India. This mobile application will bring organization and structure to our labour class.

- The idea is for this application to work as a job portal for the labour masses and also work as a resource pool for all the sectors which require labour resources.
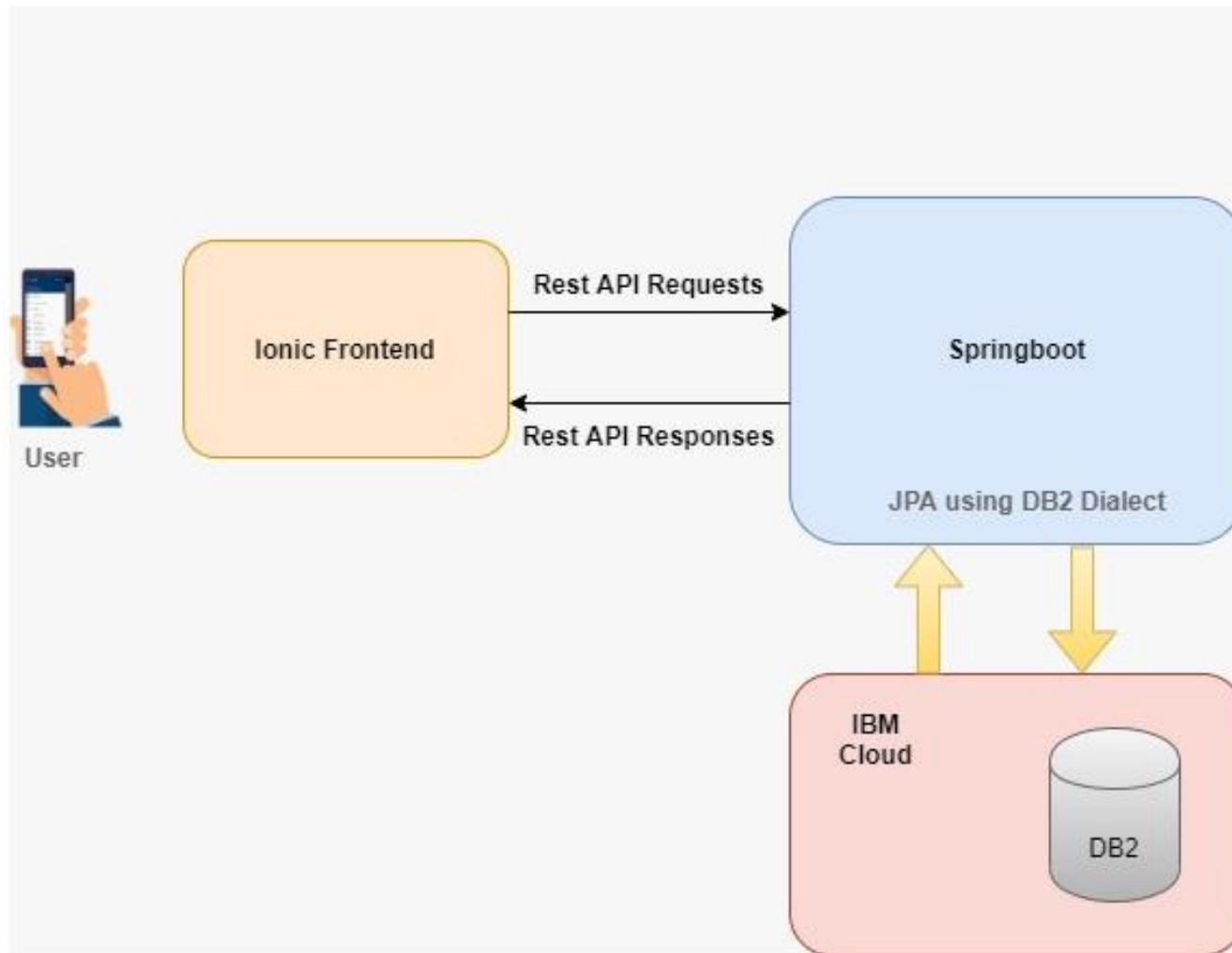

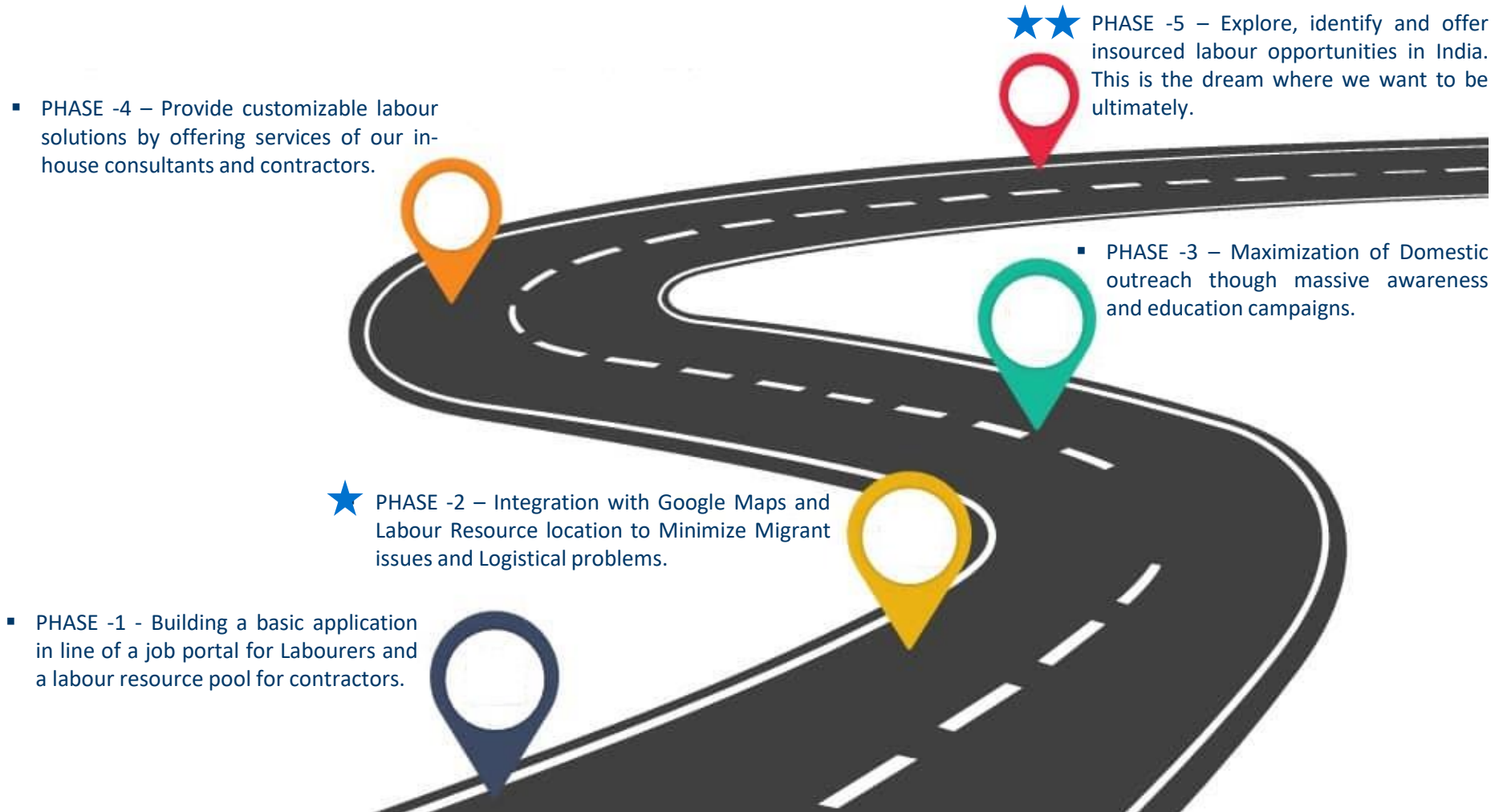shramik बल

Potential Impact of the application

- As of 2019, the total agricultural and Industrial work force percentage accounted for nearly 68% of the total work force. Shramik Bal will target this work force and provide a much needed flexibility and framework for both demand and resource supply.

- We will gradually look to target about 350 Million users for labour force registration and make this solution a one stop shop for all labour requirements for various sectors.

- The implementation of this solution would require massive campaigns for training and awareness, publicity, integration and data repository creation. This would require significant effort and resources.

- The development of this solution will be in phased manner where added features and more options will be added, details of the same would be elaborated in detailed road map explained in the following slides.

Architecture

Roadmap

PHASE -5 – Explore, identify and offer insourced labour opportunities in India. This is the dream where we want to be ultimately.

- PHASE -4 – Provide customizable labour solutions by offering services of our in-house consultants and contractors.

- PHASE -3 – Maximization of Domestic outreach though massive awareness and education campaigns.

PHASE -2 – Integration with Google Maps and Labour Resource location to Minimize Migrant issues and Logistical problems.

- PHASE -1 - Building a basic application in line of a job portal for Labourers and a labour resource pool for contractors.

Future Hope For Labour Force

FUTURE

CURRENT

TOGETHER WE CAN