



skill  
INDIA

# Ministry of Skill Development & Entrepreneurship

**Problem Statement:** Design Skill India App

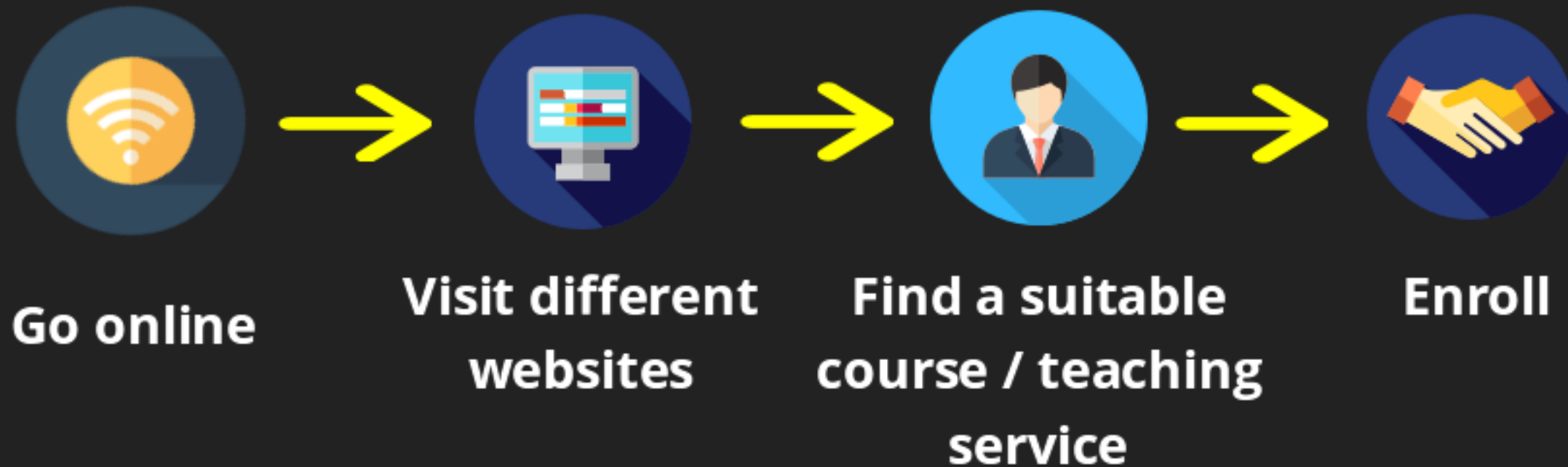
**Problem Code:** MSD10

**Team Leader Name:** Adithya J

**College Code:** 3122

**AICTE Application No.:** 1-3325089595

## Scenario these days



**Cumbersome and a painstaking process**



**Kaushik**

**Avid learner**

**Likes painting and decorating**

**Looking to colour his life**

# His life

Not widely recognized

Hard to market his skills

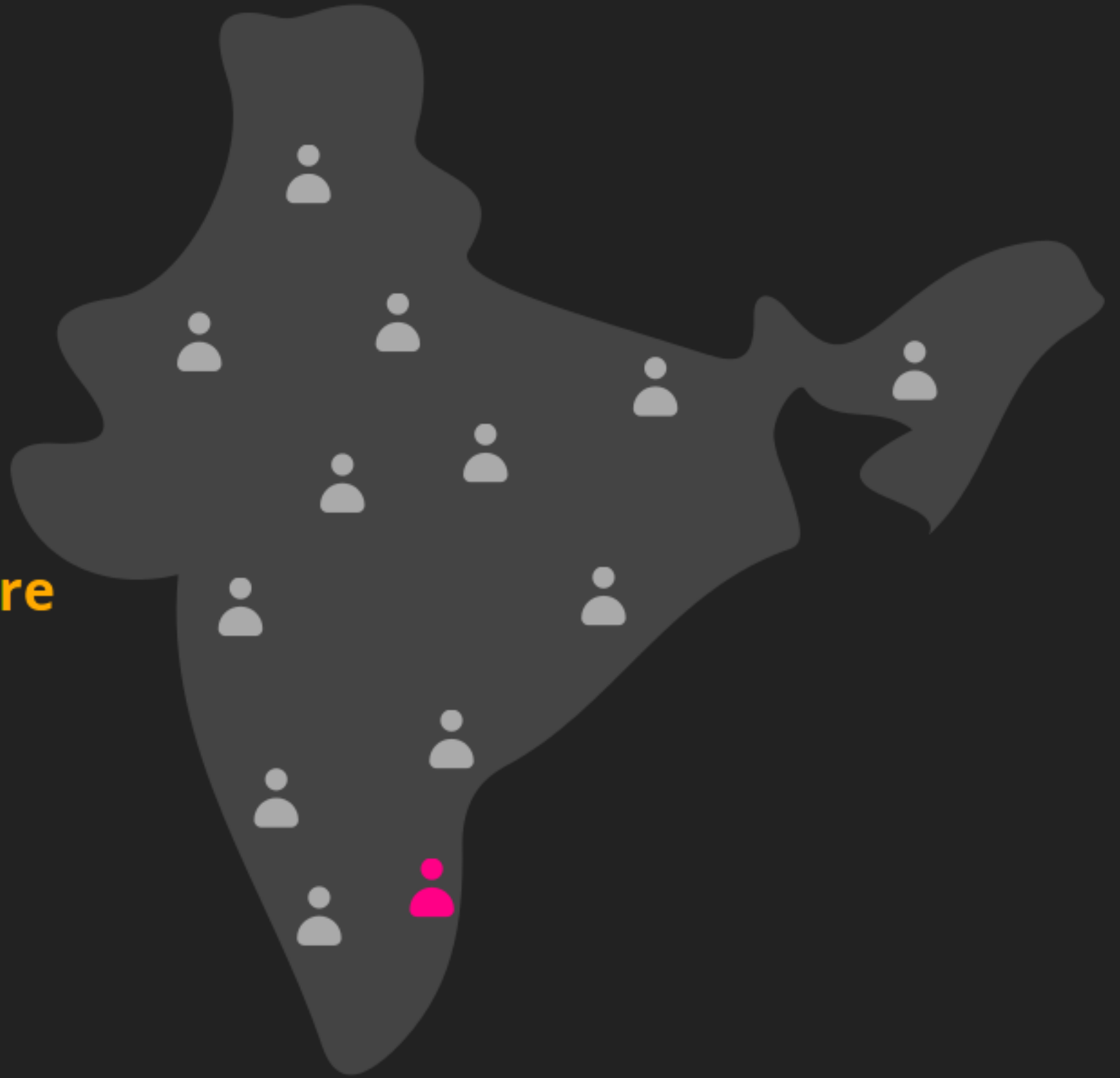
Even if available, **his skills are questionable**

**What does he do?**



One might argue that  
Kaushik is just one  
person.

**But there are many more  
like him across the  
country**



Just like Kaushik, there are many other  
aspiring people.

Tech nerds

Audiophiles

Grease Monkeys

Artists

Guitarists

Automobile addicts

Photographers

**What do we do?**

## **ONE STOP APPLICATION**



Comprehensive collection of services

All websites under one roof



Widen reach of Skill India services



**All in all, transform the skill landscape**



Introducing

**skillINDIA**



# IDEA

Learners can

- Track courses and training classes through their dashboard option.
- Get newsfeed update on conferences for skill development, skill world competition,
- Push notification for daily/weekly deadline of coursework submission , latest webinar uploads .
- Calendar view display for conference dates, reminder option to attend workroom classes in their training centers.

# IDEA

- Trainers will have a skill exchange portal to register themselves as a NSDC trainer.
- View ,update their course schedule.
- Set remainder to upload webinars.
- Trainer can postpone training classes, change date of uploading webinar will have a notify option for the same to inform learners.
- Calendar view display for conference dates, workroom classes in their training centers.
- Can view skill gap in a particular area displayed by selecting a area from drop down list and display the result in charts(statistical view) / cards(abstract view).

# IDEA

Private sector organisations can

- View their assessors empanelled
- Have their trades assessed through display charts , both displayed in their dashboard.
- Newsfeed update on tenders available.
- Based on learners increase in enrollment for a course the pvt sector organisation will be notified about the same to keep track of learners to trainers ration in workroom classes.
- A page to view, add and vote on polls for course requests.
- Option to express their wish to contribute CSR funds after which government org will take over for legal procedures.

# How we do it



Android

(IDE for app dev)



Firebase

(Real-time database)



Hasura

(An API for authentication)



Realm

(Mobile Database)

# Use Case

Learner



Register

Enroll for course

Search training center

World Skills Competetion

Report Issues

Webinars

Trainer



Skill gap study

Become NDSC trainer



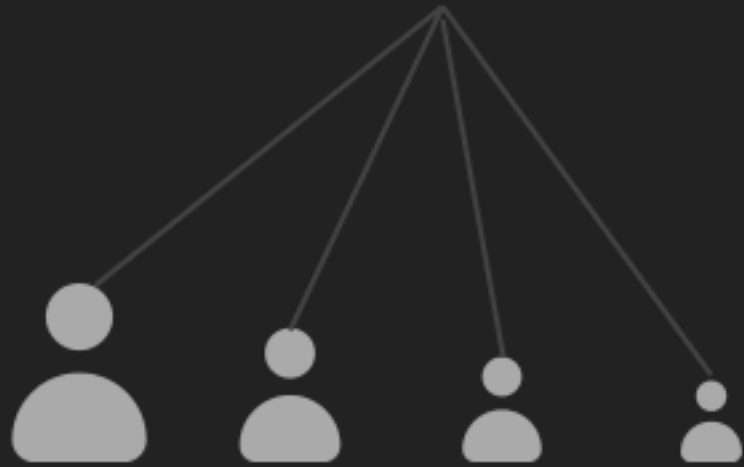
PVT sector org

Contribute to  
CSR funds

Apply for  
tender/RFP

# We know our weaknesses

Server crashes



Increased number of  
users at a time



Poor network  
coverage areas



Difficult to reach out  
to them

# Dependencies

Google Maps API to display Training centers

PMKVY APIs for Authentication

Request and obtain service of different websites



**Thank You.**

# SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

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Date: 03/February/2017

To Whom so it May Concern:

Sub: Smart India Hackathon 2017 – Nomination

I am pleased to nominate, below teams from our college to participate in Smart India Hackathon 2017.

AICTE Application No. : 1-3325089595

Team name : e-LEMON-ators

Problem Category: : Ministry of skill development and entrepreneurship

	Name	Gender (M/F)	Email id
Team Leader	Adithya.J	M	adithya.sankar321@gmail.com
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Yours sincerely,

*S. Salivahan*

Dr. S. Salivahanan

The Principal

Dr. S. Salivahanan  
Principal

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