

# Acing Smart India Hackathon



# Roadmap

- ❑ What is SIH ?
- ❑ Why participate in SIH?
- ❑ Selection of Problem Statements
- ❑ Idea Presentation
- ❑ How to write a good ppt
- ❑ Strategy
- ❑ Our Journey
  - ❑ Internal Hackathon
  - ❑ Idea Submission
  - ❑ On Site hackathon (Virtual in 2020)
- ❑ Our solution
- ❑ Q/A

# What is SIH?

- Smart India Hackathon- a platform to solve some of the pressing problems we face in our daily lives .
- World's largest open innovation model hackathon
- Organised by MHRD,AICTE,Innovation cell and Persistent Systems
- 36 hours long
- Software and Hardware Edition



# Why participate in SIH?

1. An opportunity to build solutions for real life problems.
2. Provides a great exposure
3. Competing with best minds across the country
4. Problem statements are provided by various renowned organisations.



# Selection of PS

1. Tech Stack
2. Effective Implementation
3. Wisely choose the level of difficulty.
4. What best features and innovative ideas can be suited with PS.
5. Previous analysis on work already done on similar problems.

# Idea Presentation

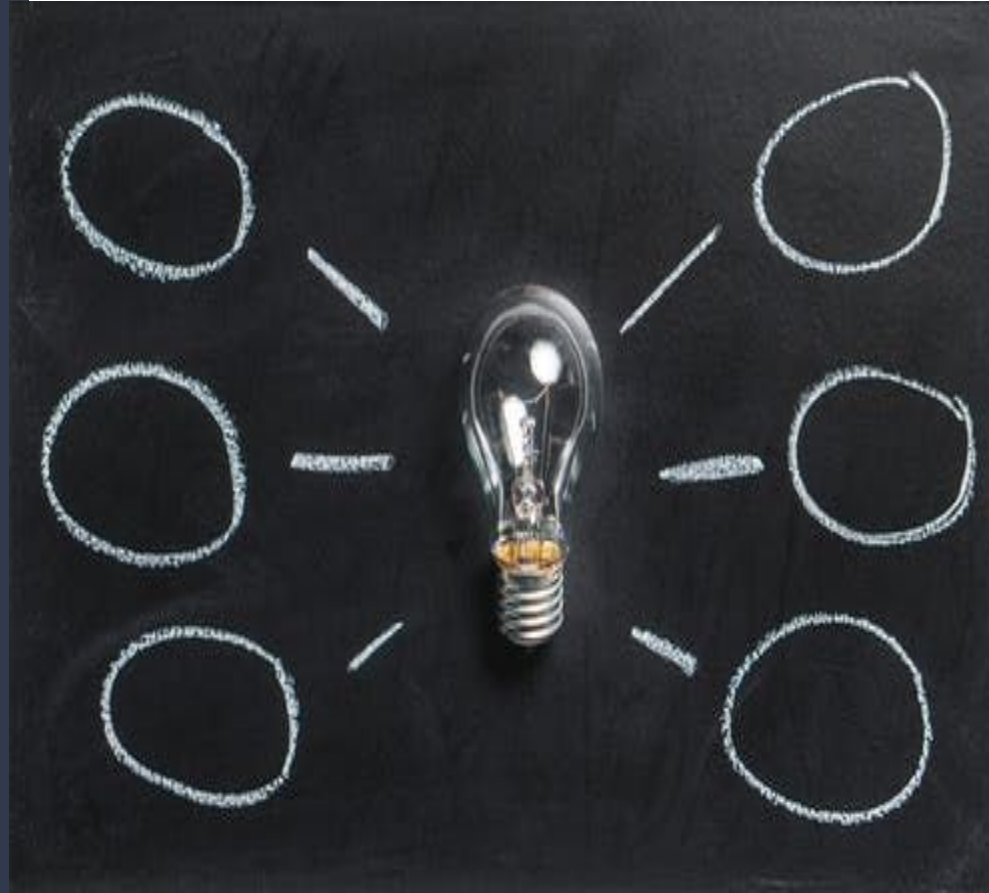
- First round of evaluation
- Approach for solving the problem
- Includes team details, problem statement details, proposed solution, tech stack
- Should be crisp and precise

# How to give a good Presentation

- Read and understand the problem statement carefully
- Identify the solution and other enhancement features to make the solution most productive.
- Make use of flowcharts, diagrams and illustration.
- Adhere strictly to the format
- Keep it crisp and concise.
- Be enthusiastic.

# Strategy

1. Find a team
2. Begin early
3. Write a good proposal
4. Divide the solution
5. Learn version control systems like Git and Github platform
6. Ask for feedback





# Journey

Round 1:

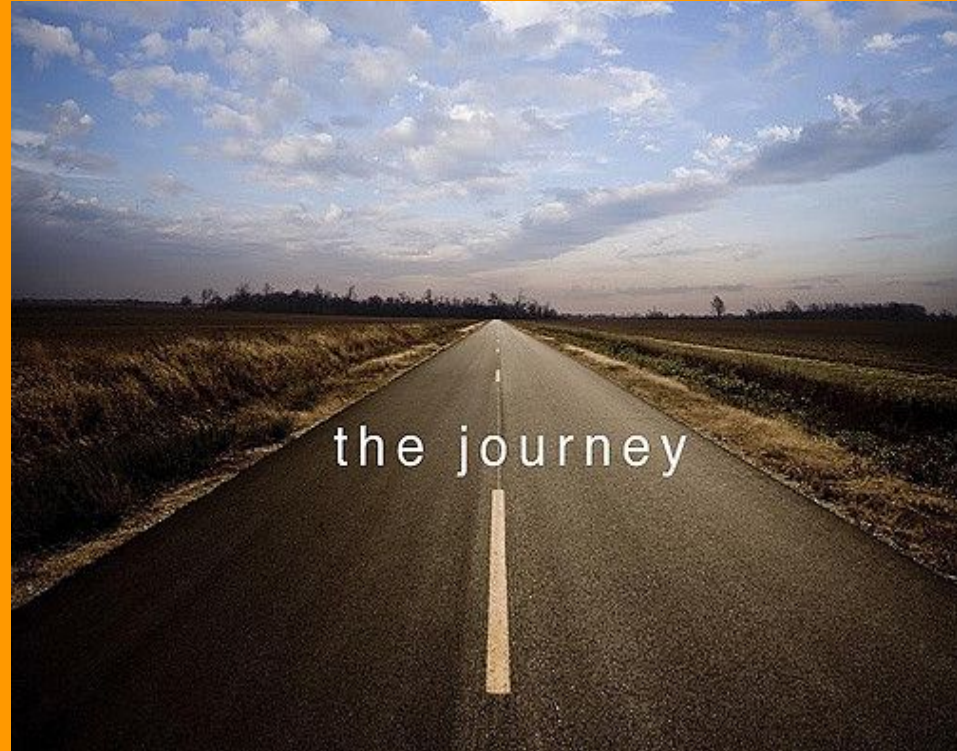
Internal Hackathon - A Hackathon is organised within the college, 7 teams are selected for software and 2 teams for hardware problem statement.

Round 2:

Idea Submission- Teams are registered on SIH portal and for each problem statement 5-7 teams are selected.

Round 3:

Finals- SIH finals are held at Nodal centers, 3 Mentoring rounds + 3 Judging Rounds

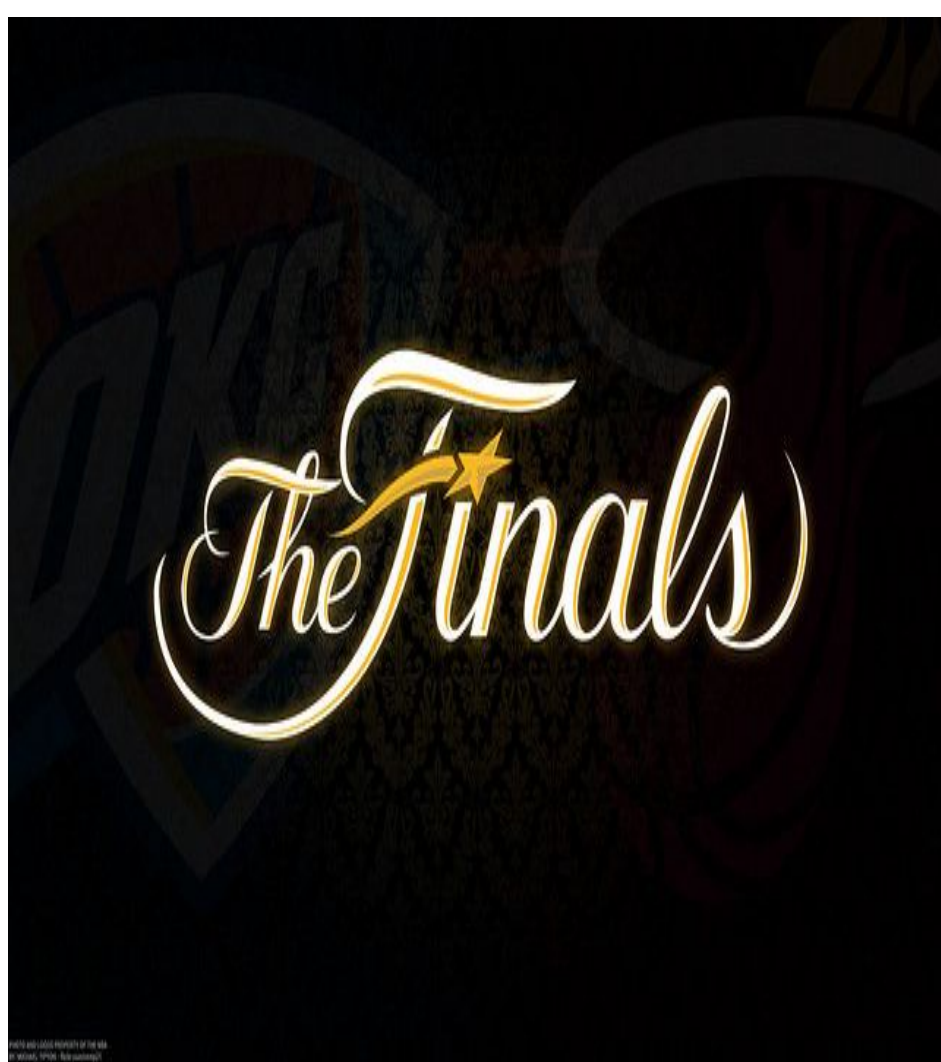


# SIH Finals

Mentoring session: Demonstration & discussion of application build.

Panel round: presentation of product with new & suggested features by the mentors.

## Final Presentation: complete Demo and pitching of product build



Android/IOS application  
Web Based Product.  
Internet of things(IoT)  
Machine Learning

Android/IOS application  
Web Based Product.  
Internet of things(IoT)  
Machine Learning



# Our Solution

**Sashakt Divyang**

# Website

1. Multi lingual
2. Dual themes
3. Multiple fonts
4. Friendly Chatbot
5. Audiobooks
6. Screen Reader
7. Doctor connect
8. Voice input
9. Symptom Predictor
10. Virtual reality

# Android App

1. OCR
2. Multilingual
3. Chat
4. Scholarship
5. Resources
6. Heart Rate
7. BMI
8. Job Portal
9. Themes



# THANK YOU

Akanksha Chandna  
Pallavi Bishnoi  
Kuja  
Komal Kirti  
Lubhani Agarwal  
Yaashi Madan