

# SMART INDIA HACKATHON 2024



SMART INDIA  
HACKATHON  
2024

Ministry of Defence/DRDO

- **Problem Statement ID – SIH1653**
- **Problem Statement Title - Web based Selector-Applicant Simulation Software**
- **Theme - Smart Automation**
- **PS Category- Software**
- **Team ID- 13243**
- **Team Name- BYTE SMASHERS**

# IDEA TITLE

**Automating interview Process with a Real-Life Board Room Experience all by a single platform:**

## Logo:

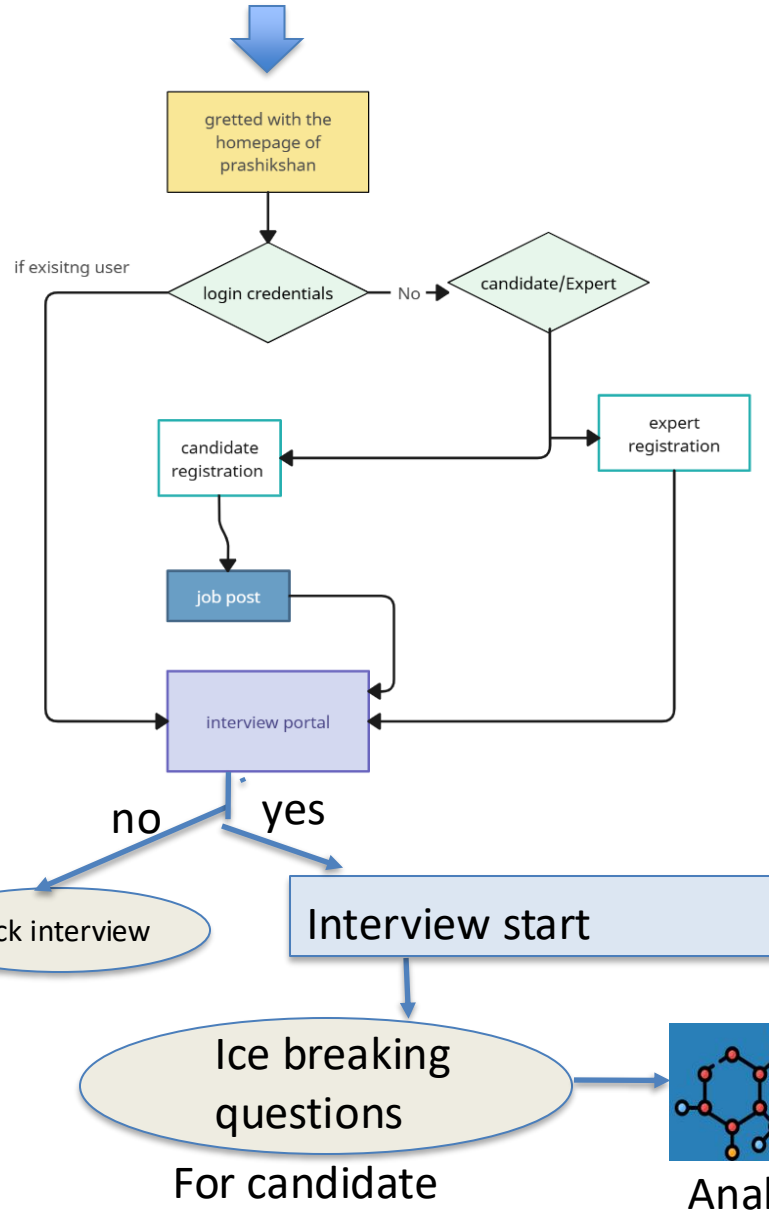


## SUMMARY:

- ➡ **PraShikshan** is an automated web-based software that streamlines the interview process.
- ➡ It begins with engaging ice-breaking questions, followed by expert evaluations in a virtual
- ➡ boardroom. The platform tracks candidate responses and body language, generating performance reports for efficient, data-driven hiring.

For brief explanation of Idea solution, follow the link :

<https://youtube.com/watch?v=AWkJEKx1WzU&feature=shared>



## TECHNOLOGIES USED:

Front End -&gt;HTML, CSS, Javascript

Backend- &gt;NODEJS

DataBase Management-&gt; MongoDB, MySQL

Virtual Boardroom-&gt; WebRTC, SEB

Speech-Text-&gt; Google transcript

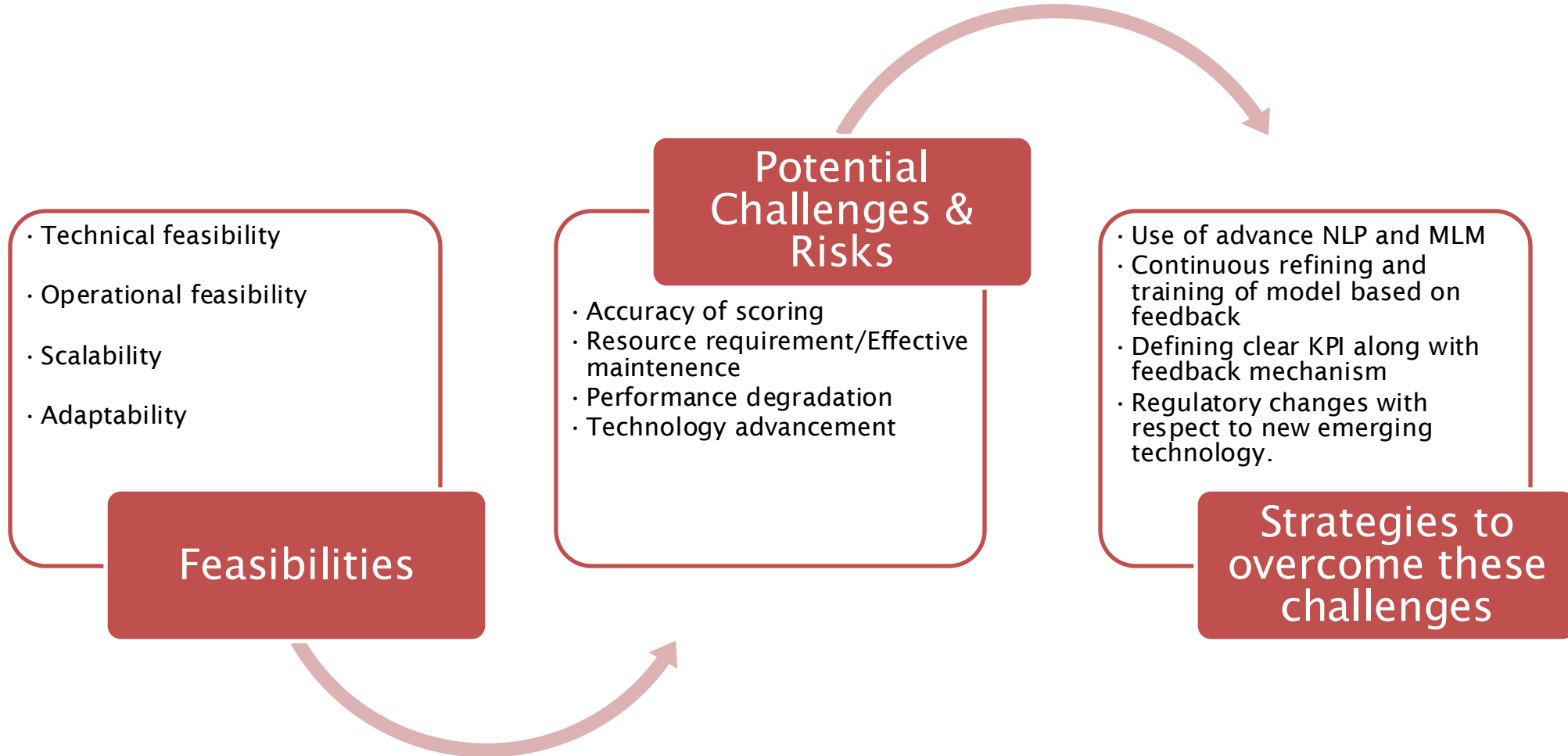
Sentence Analysing-&gt; SBERT

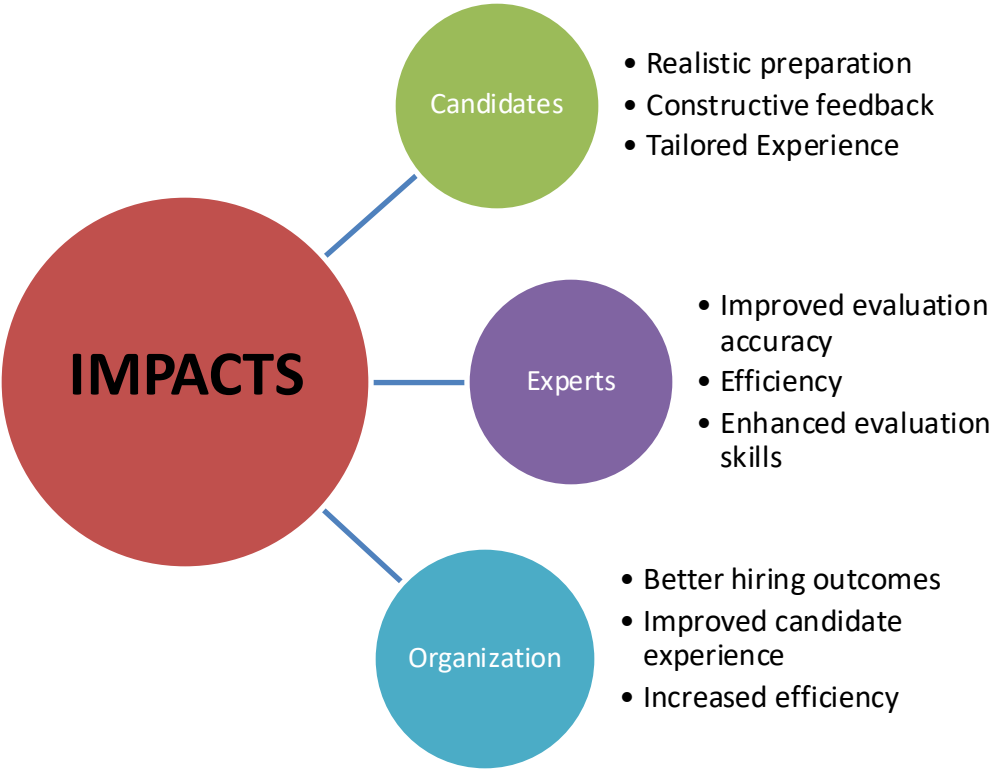
Behavior Analysis-&gt; NLP, SBERT

From candidate

Redirected to homepage

End





**BENEFITS**

Social	Economical	Environmental
<ul style="list-style-type: none"><li>• Fairness and Inclusivity</li><li>• Professional Development</li></ul>	<ul style="list-style-type: none"><li>• Cost Efficiency</li><li>• Better Hiring decisions</li></ul>	<ul style="list-style-type: none"><li>• Reduced Physical Meetings</li><li>• Optimized Resource Use</li></ul>

1. [Using a virtual reality interview simulator to explore factors influencing people's behavior | Virtual Reality \(springer.com\)](#)
2. [A Comprehensive Study and Implementation of the Mock Interview Simulator with AI and Pose-Based Interaction | IEEE Conference Publication | IEEE Xplore](#)
3. [How to Conduct a Feasibility Study: Key Steps & Examples \(simplilearn.com\)](#)
4. [How to Conduct Virtual Interviews? \(wecreateproblems.com\)](#)
5. [SentenceTransformers Documentation — Sentence Transformers documentation \(sbert.net\)](#)