SMART INDIA HACKATHON 2024

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- **Problem Statement ID – 1625**
- **Problem Statement Title - Smart Classroom Management Software for Enhanced Learning Environments**
- **Theme - Smart Automation**
- **PS Category - Software**
- **Team ID -**
- **Team TechFlux**

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SMART CLASSROOM MANAGEMENT SYSTEM

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Proposed Solution:

Attendance Monitoring (Automated)

Safety and Security

Resource Management

Report and Analysis

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FEASIBILITY AND VIABILITY

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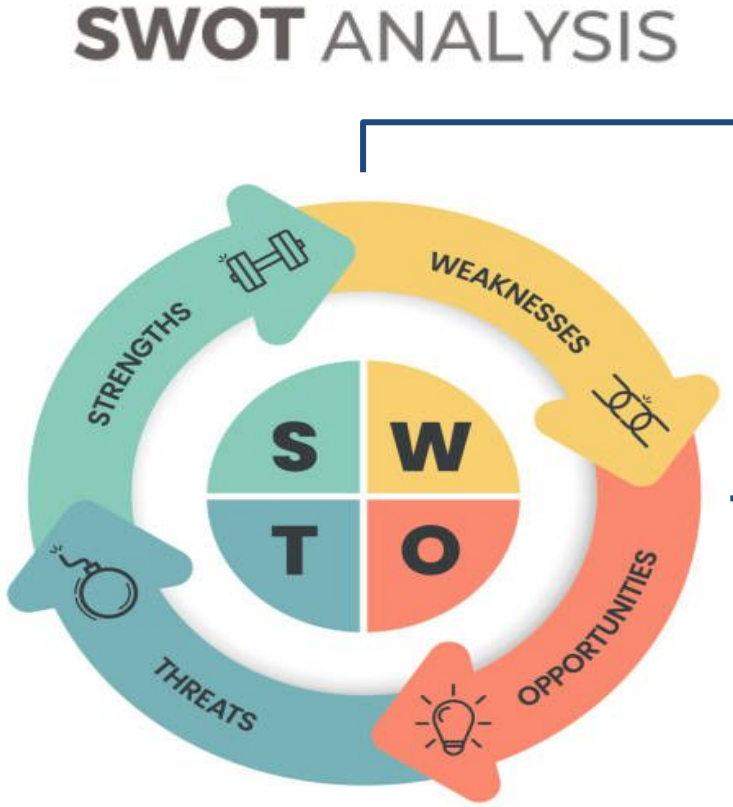
- Enhanced Engagement
- Improved Access to Resources
- Enhanced Teaching Tools

- Medical Conditions.
- Training time.
- Power Dependent.



Implementation of our idea is very much **FEASIBLE** and this will help everyone in their Educational Aspects

Since the technology is improving day by day, We have enough **VIABILITY** to improve and develop our idea in the future

- Cost and Infrastructure.
- Digital Distractions.
- Tech Issues.

- Create Space for Students to Enjoy and Learn.
- Make data and reports Easily Accessible.

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FLOW CHART

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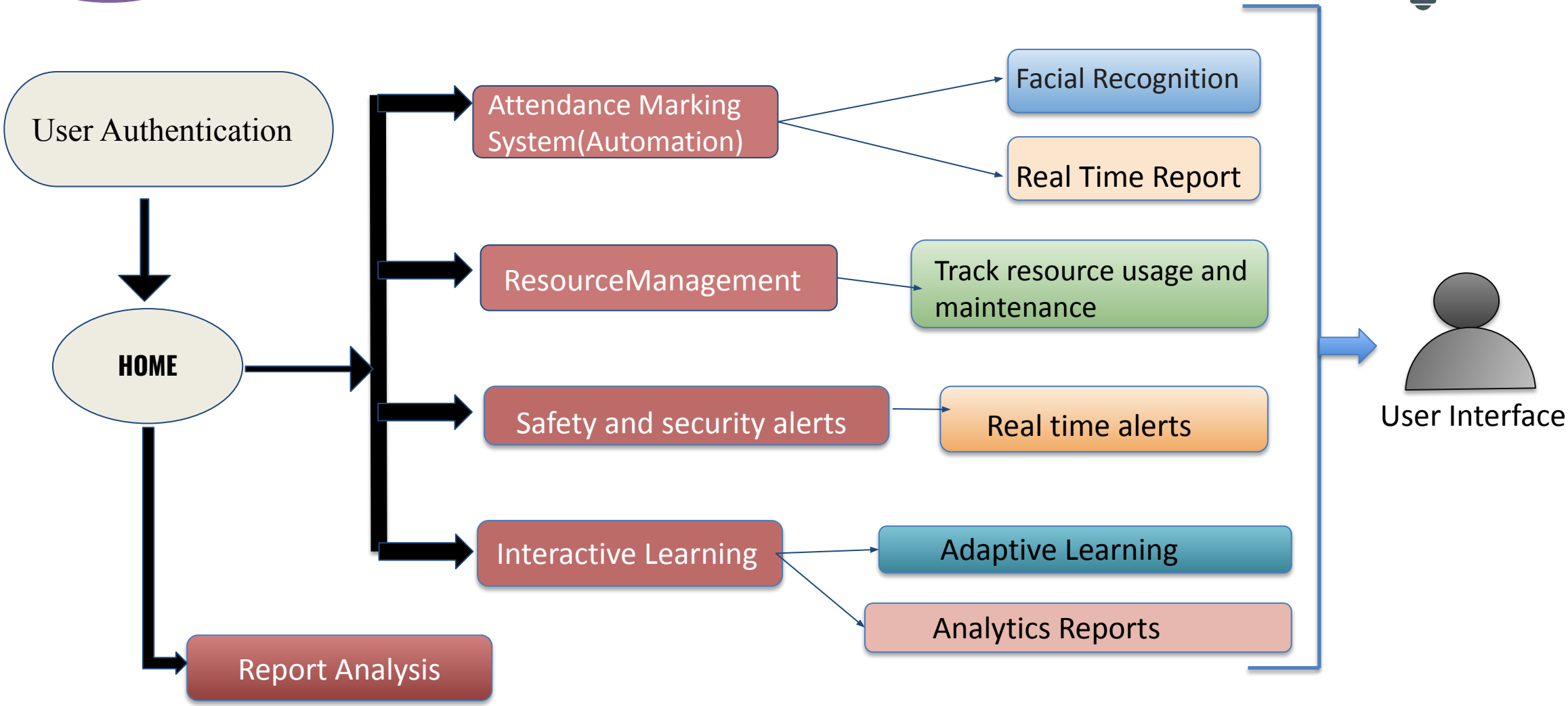

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IMPACT AND BENEFITS

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- Visual Learning.
- Both Live and Recorded Sessions can be made.
- Technological Integration.

TECHNOLOGIES

- FRONTEND - HTML,CSS,JS
- BACKEND - SQL
- CLOUD - FIREBASE,AZURE

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RESEARCH AND REFERENCES

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- **LMS**(https://lms.gov.in/home.aspx)
- **Teacher smart:**(125 tested techniques for classroom management & control. West Nyack, N.Y: Center for Applied Research in Education, 1996.)
- **"Smart Classroom Management: A Comprehensive Guide for Teachers"** by Michael Linsin.

TEAM

II YEAR INFORMATION TECHNOLOGY

TEAM LEADER : NAVEEN KUMAR C

TEAM MEMBERS : LATHIKA SRI B, MADHUMITHA G, PRAVEEN KUMAR S, PRAVIN KUMAAR T G, RITHIN A R.