FRANCIS XAVIER ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
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Presentation ID:

EduPath

"Personalized Courses Finder with Location-Based Recommendations"

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Outline

- Problem Identified
- Existing Solution
- Proposed Solution
- Block Diagram
- Implementation
- Results
- Conclusion

Problem Identified

- Students often struggle to find courses and universities that align with their preferences and are conveniently located.
- Traditional search methods lack personalization and often require extensive manual research.

- By leveraging AI-driven recommendations and location-based insights, our innovative platform streamlines the course and university search process, providing personalized options and conveniently suggesting nearby colleges tailored to each student's needs.

Existing Solution

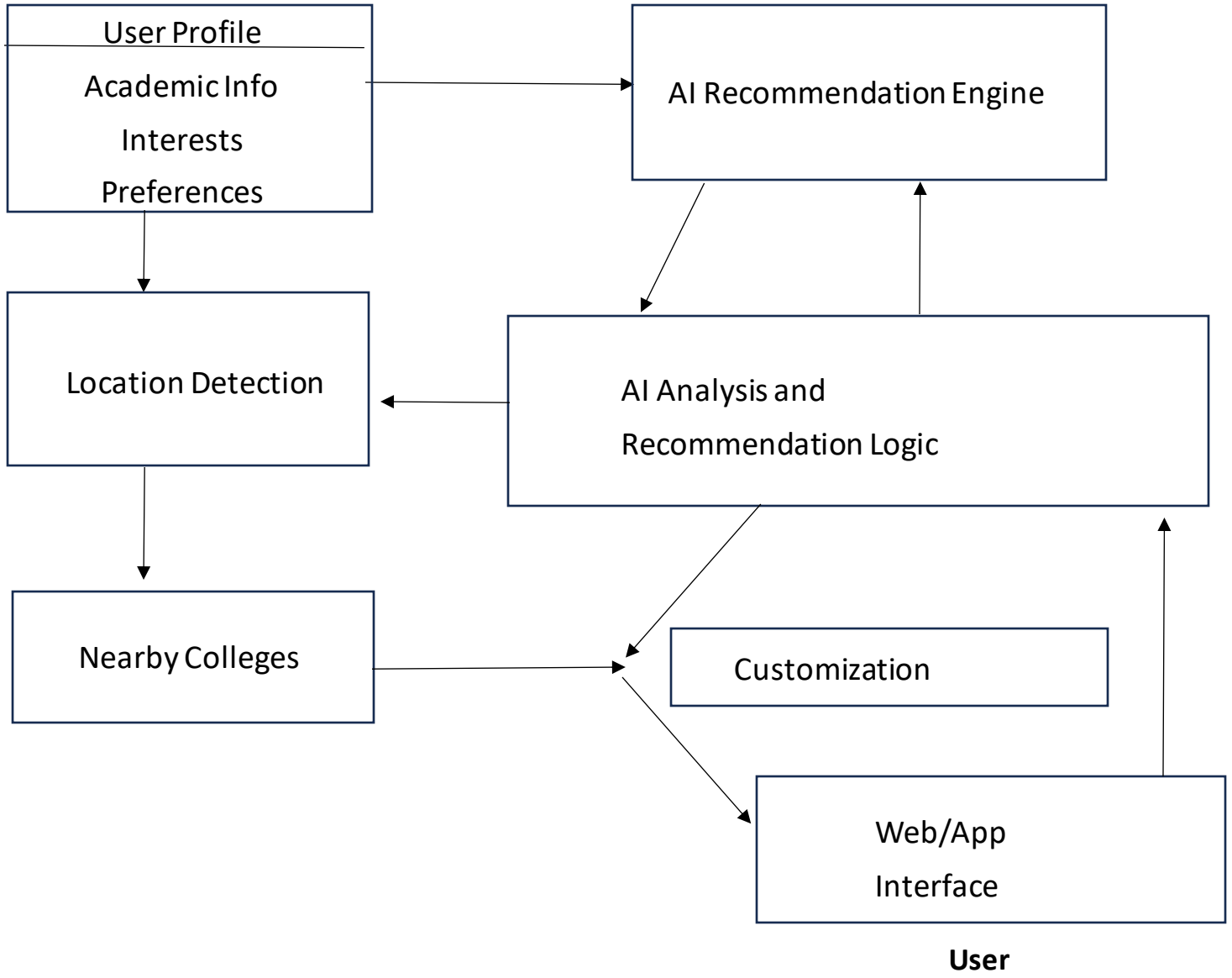
- Current course search platforms rely on manual filtering and broad search criteria, leading to limited personalization. Location-based recommendations are not extensively integrated, leaving students unaware of nearby educational opportunities.

- Traditional platforms offer static suggestions without adapting to evolving student preferences, resulting in outdated recommendations.

Proposed Solution

- Introduce a cutting-edge courses and universities finder platform
- It leverages AI and location-based data to offer highly personalized recommendations.
- This platform would consider a student's academic interests, career goals, and extracurricular preferences, while also factoring in their current location.

Block Diagram



Implementation

PERSONALIZED PROFILING: STUDENTS CREATE DETAILED PROFILES, INCLUDING ACADEMIC INTERESTS, INTENDED MAJORS, AND CAREER ASPIRATIONS.

AI-DRIVEN RECOMMENDATIONS: AI ALGORITHMS ANALYZE PROFILES, SUGGESTING COURSES AND UNIVERSITIES THAT ALIGN WITH STUDENTS' GOALS.

LOCATION RECOGNITION: UTILIZE GPS DATA, IP ADDRESS, OR USER-PROVIDED INFORMATION TO IDENTIFY THE USER'S LOCATION.

GEOLOCATION DATA: INTEGRATE GEOLOCATION DATA TO IDENTIFY COLLEGES AND UNIVERSITIES IN PROXIMITY TO THE USER'S LOCATION.

MATCHING PREFERENCES: COMBINE COURSE PREFERENCES, CAREER GOALS, AND LOCATION TO PROVIDE TAILORED RECOMMENDATIONS.

Results

- **Improved Student Satisfaction:** Personalized recommendations ensure students are matched with relevant courses and universities.
- **Higher Engagement:** Students are more likely to engage with colleges they can easily visit.
- **Efficient Decision-making:** Location-based suggestions simplify the decision-making process.
- **Better Utilization of Local Opportunities:** Students discover colleges nearby that they may not have considered.

Conclusion

- The proposed innovation addresses the challenges of course and university selection by providing personalized recommendations that consider both academic and geographic factors. By leveraging AI and location-based data, this platform offers a unique solution that enhances student engagement, satisfaction, and decision-making in higher education choices.

- THANK YOU