SCIS Forum

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Abstract:
A platform where students from all schools, departments, and subjects could communicate information such as school events, projects, course material, exams, internships, and any interesting information was necessary in our university. This application includes a forum feature to share our knowledge freely, face recognition feature for easy login, calendars to view and schedule the events within the university, chat area for more personalized discussion. It also includes AI which ensures no unparliamentary language is used in posts.

Problem Statement
To design an open platform for all students and professors for sharing notices, events, ideas, and information.
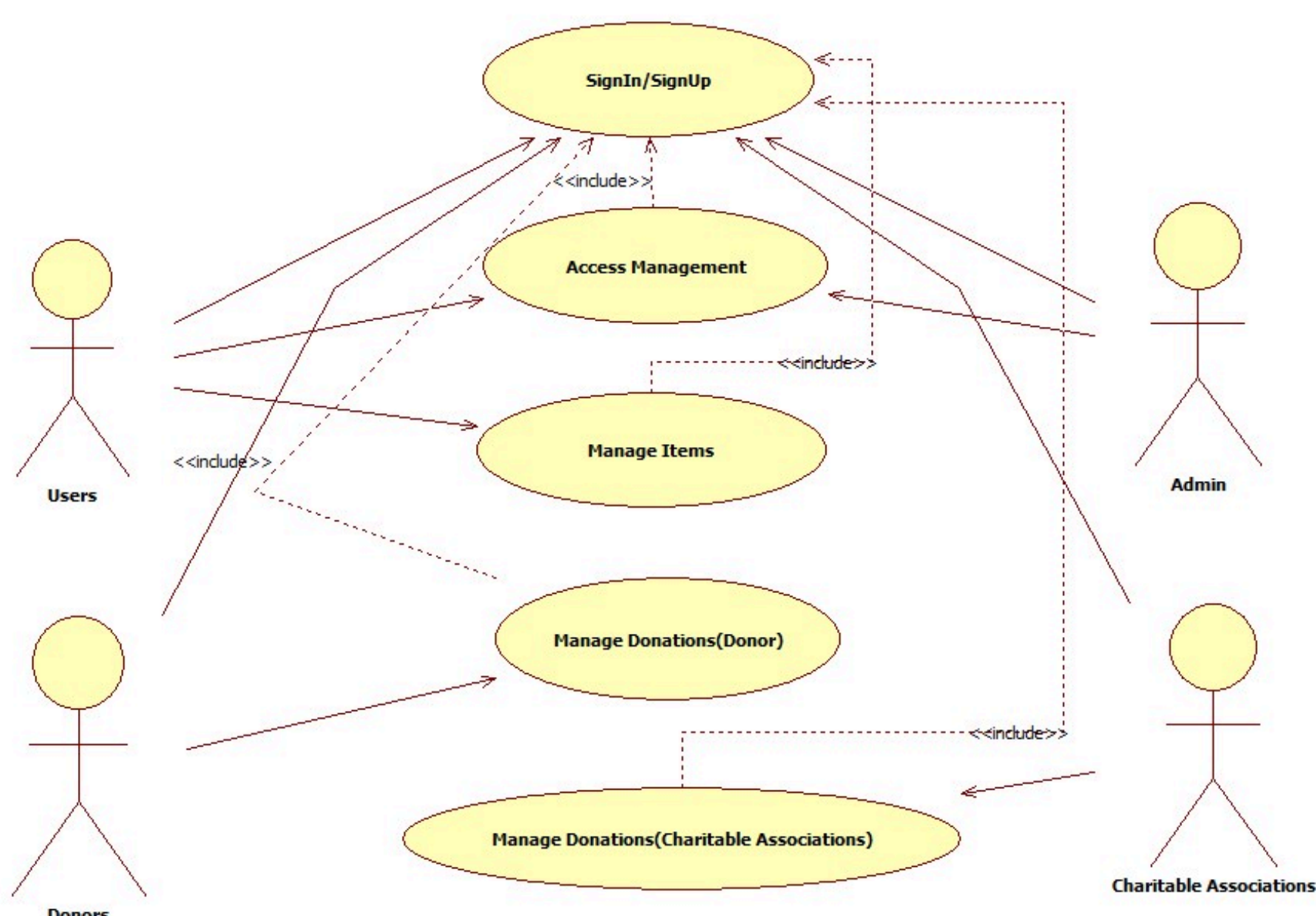
System Design-

Tools used for webpage
1) React Native
2) Node/Express js
3) mysql(database system)

Use case diagram

Future Enhancements
1) Integrate course management system to the website
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2) Recommendations for course content from the web

3) Allow students to write exams

4) Integrate online cheating detection

5) Allow students to share any resources with all users

6) Allow students to write and compile their code (online IDE)

7) Use speech recognition and trigger word detection for authorization

Conclusion:
This design when implemented with the given future enhancements, and with proper maintenance will be the best solution for the students and professors in the university.

References

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