**Introduction:**

The objective of this report is to propose a solution for a decentralized digital educational model called “Professor as a Service”. The proposed solution aims to provide a platform where professors can manage their own courses, students can sign up for courses as per their choice, and a third-party certification authority can approve the degree.

Proposed Solution: The proposed solution is a web-based application that allows professors to sign up and create their own course catalog, manage their course schedule and pricing. Students can sign up and search for courses based on various parameters like professor name, topic, region, language, etc. They can also see the professor rating before registering for a course. The certification authority will review the student's transcript and certify the result. The platform owners can access a dashboard that enables them to collect performance data of different varieties.

The solution is designed to be decentralized, where professors own their talent and experience, and the educational institution does not have control over the courses. The professors have full autonomy to offer courses in their specialty. A reputation index will be available to help aspiring students decide which courses fit best. The professors can operate remotely from anywhere in the world, and their services are visible and accessible from anywhere using tablets, browsers, smart devices, etc.

User Roles: The proposed solution requires the following user roles:

1. Universal student directory - where students can sign up and create their transcripts.
2. Universal certification authority - which approves the degree.
3. Professor as a Service listing - where professors can sign up and create their own course catalog.
4. Platform owners - who can access the dashboard to collect performance data.

Technologies: The proposed solution will use the following technologies:

1. Web development technologies like HTML, CSS, and JavaScript for the front-end.
2. Java programming language for the back-end.
3. Relational database management system like MySQL for storing data.
4. Spring Boot framework for building the web application.
5. Spring Security for authentication and authorization.

Conclusion: The proposed solution for the “Professor as a Service” model provides a decentralized platform where professors can manage their own courses, and students can sign up for courses as per their choice. The solution aims to improve the quality of education and reduce tuition costs. The proposed solution is designed to be scalable, secure, and user-friendly. By leveraging web development technologies and Java programming language, the proposed solution can be developed and deployed quickly. The use of a dashboard to collect performance data will enable platform owners to make data-driven decisions and improve the platform continuously.