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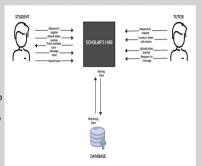
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COMPARITIVE ANALYSIS OF ONLINE TUTORING APPLICATIONS

ABSTRACT

In a world of technology, where everything is transforming into digital, there comes a large sector i.e. Education, where everyone is concern with the quality of education as well as less time consuming. People are in search of different ways to learn and gain their knowledge and the most popular method among is online learning. One of the benefits of online learning is the flexible schedule as well as quick accessibility. The flexible schedule helps in people for considering online learning especially for women. This paper presents a comparative study of online learning applications and proposed an online platform Scholar's hub which facilitates largely in online learning. This application amalgamating tutor and student in one platform, providing one-to-one communication to conduct a session, to facilitate a student as well as a tutor to earn and learn within same platform using variety of features. The comparison concludes as which system fulfilling the objective of online learning and which is best suit.

METHOD AND MATERIAL

Seven prevalent applications were selected and analyzed on the following criteria. The criteria are inspired by the work of Jiten Rama and Judith Bishop. The criterion selected was done for the comparison of Computer Supported Cooperative Work (CSCW) groupware application which inspired us to choose the same criteria format for the research paper to compare applications.
- Functional Criteria
- Architectural Criteria
- Focus Criteria
- Platform Criteria

And these criterion have applied on seven application along with Scholar's Hub to result the best online learning platform.

- TutorMe
- WizIQ
- Learnege
- Wyzant
- Skooli
- TutorEye
- Tutor.com
- Scholar's Hub

SCHOLAR'S HUB

The purpose of Scholar's Hub is to provide a platform for online tutoring. It can be a platform for earning as well learning for both student and tutor. This application would consist of features like video calling, from which a class can be conducted, by messaging a student can communicate its tutor at any time or can resolves its query, live note sharing can be done between tutor to student. A tutor can upload its video tutorial to make sure of the course content or material. And a system can notify of available tutor to student by matching/tracking their required skill.

CONCLUSION

Online learning is now become a new tech method for education. As it requires quick learning and flexible schedule. This paper took a broad look at the similar criteria applications on a robust set of criterions and compares them with Scholar's Hub It concludes as, Scholar's Hub shares most features with WizIQ and TutorMe .Scholar's Hub yet has the most features to facilitate a student and a tutor within one platform.

Figure.01. Tutor Panel

Figure.02. Student Panel

Figure.03. Course Manage Panel

Figure.04. Tutor List Panel.

DISCUSSION

On the basis of four criteria the system comparison results as, if for functional criteria only Scholar's Hub, TutorMe and WizIQ fulfill all functional criteria comparison. If for Architectural Criteria, all systems are centralized and none hybrid .For Focus Criteria, all systems are for agegroup 4-60 and offering informal education. As for the last criteria i.e. Platform criteria only Scholar's Hub, Wyzant and Tutor.com offering the web application as well as mobile application.As for result, Scholar's Hub is the only system among the eight that is offering the most featuresfor online learning and tutoring.

CRITERIA			SCHOLARS HUB	WYZANT	SKOOLI	TUTOR EYE	TUTOR	TUTORME	WIZIQ	LEARNEGE
Functional		One-to-one Messaging	✓	✓	✓	✓	✓	✓	✓	✓
		Video call Session	✓	✓	✓	✓	✓	✓	✓	✓
		Notes sharing	✓	✓		✓	✓	✓	✓	
		Video Tutorial	✓	✓			✓	✓		
		Tutor Tracking	✓	✓				✓	✓	
		Notify	✓		✓			✓	✓	
Architectural		Centralized	✓	✓	✓	✓	✓	✓	✓	✓
		Hybrid	-	-	-	-	-	-	-	-
Focus	Age Group	4 - 60	✓	✓	✓	✓	✓	✓	✓	✓
		14 - 60	-	-	-	-	-	-	-	-
	Educational Group	Formal Education	-	-	-	-	-	-	-	-
		Informal Education	✓	✓	✓	✓	✓	✓	✓	✓
Platform		Mobile Application	✓	✓			✓			
		Web Application	✓	✓	✓	✓	✓	✓	✓	✓

Table.01. Comparison of Online Tutoring System

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