

United International University



Report On

ProTutor.BD

Submitted to

Dr. Suman Ahmmed
Associate Professor, CSE, UIU

Submitted by

Name	Id No.
Rayhan Al Shorif	0122410022
Iftekharul Islam	0122410013
F. M. Shefat Hossain Niloy	0122310011
Arnab Protim Mondal	0122320014

Date of Submission: 10th February, 2024

ProTutor.BD

Table of Contents

1. Introduction:	3
2. Objective:	3
3. Expected Feature/Product Requirements:	3
4. Product's Benchmark:	4
i. Benchmark Analysis:	4
5. Questionnaire for This Product:	4
6. Research Paper Study:	6
7. References:	6
i. Paper Based:	6
ii. Information Based:	7

1. Introduction:

Welcome to "**ProTutor.BD**", your premier destination for personalized academic support in Bangladesh! Tutoring services can be incredibly helpful for students looking to enhance their academic skills or prepare for exams. Although after searching many places for academic help in personal life we find a premium or tutor of our choice. It takes us a lot of time and we have to deal with various problems in life starting from studies. In this digital era, we have created these products to find a solution to find our favorite teacher without wasting time.

2. Objective:

Although the main objective of this project is to facilitate the learning process of the students. We know that a tutor is a lifesaver for a child's education. "**ProTutor.BD**" suggests a connection to education and guidance. However, it implies a sense of leading or piloting through the educational journey, which aligns with the idea of guiding and supporting students. It involves helping the student understand concepts, acquire new skills, and improve their overall academic performance. Tutors often provide personalized support tailored to a student's specific needs. Tutors aim to build the student's confidence in their abilities. By providing guidance, positive reinforcement, and constructive feedback, tutors help students feel more capable and confident in their academic pursuits. For everything, we have taken the initiative so that every parent can find a good and decent teacher to educate their children through our plot form.

3. Expected Feature/Product Requirements:

- ❖ Join us as a **student, guardian, and tutor**. (Roles)
- ❖ Hire the nearest Tutor. (default auto suggested)
- ❖ Default auto suggested nearest tutor for a student or a guardian.
- ❖ Default auto suggested student for a tutor.
- ❖ Posted blog ~ approving/reviewing system through author (admin).
- ❖ Payment System (Bkash, Rocket, Nagad, Upay) ~ version 1
- ❖ Searching system based on tutor or student but default auto search based on user location/zone.
- ❖ Notification system
- ❖ Real time communication (chat) with tutor ⇔ admin ⇔ student/guardian.
- ❖ Provides suggestions, assignment help and download books.
- ❖ There will be a custom way to express a tutor's fee or a teaching fee.
- ❖ Available tutor list and nearest tutor's list (using map)
- ❖ Review & rating with contact us.
- ❖ Online tuition/Part time tuition & Request for a tutor.
- ❖ Frequently Asked Questions (FAQ)
- ❖ Affiliate Partner System
- ❖ About-us

4. Product's Benchmark:

Benchmarking education-related systems like “**ProTutor.BD**” involves evaluating the functionality, features, and capabilities of educational technology in its context. We have selected some of the top-tier products on the market to benchmark our products. There are a few products currently running that we want to benchmark with and test our product's capabilities. List of selected products from the ongoing marketplace: tutorsheba.com, Bdtutors.com, caretutors.com, dhakatutors.com, deshtutor.com etc.

i. Benchmark Analysis:

Features		Existing Products					
		tutorsheba.com	bdtutors.com	caretutors.com	dhakatutors.com	deshtutor.com	our product
Roles	Admin	✓	✓	✓	✓	✓	✓
	Tutor	✓	✓	✓	✓	✓	✓
	Students	✓	✓	✓	✓	✓	✓
	Guardian				✓		✓
Available Tuitions		✓	✓	✓	✓	✓	✓
Payment System		✓	✓	✓	✓	✓	✓
Premium Tutors Search		✓	✓	✓		✓	✓
Default auto-search							✓
Default auto-suggest							✓
Blog Post							✓
Affiliate Partner		✓	✓				✓
Notifications System		✓		✓			✓
FAQ		✓	✓	✓	✓		✓
Contact Us		✓	✓	✓	✓	✓	✓
Tutor Request		✓	✓				✓
Download Books							✓
Suggested nearest tutors or students							✓
Quick Chat		✓	✓	✓	✓	✓	✓
Provides suggestions							✓
Online tuition		✓					✓
Review & Rating		✓	✓	✓	✓	✓	✓
About us		✓	✓	✓	✓	✓	✓

5. Questionnaire for This Product:

- Why do you want to build this product?
- How much logic is there in this approach to learning system development?
- By adapting to modern technology, how much education will be able to progress through it?
- In rural areas, is this system even possible to reach?
- What steps can be taken to cover the rural area in the future?

6. Research Paper Study:

Author	Year	Contribution	Difference
Hutanu et al [1]	2017	Proposed a CML-plus platform to help both researchers, engineers and tutors to have a face-to face online interaction and easy learning experience over any mobile devices.	Not for general students tutor searching
Mohammad et al [2]	2013	Proposed an e-learning process to focus on synchronous (e.g. using presentation, group formation, live interaction) and asynchronous (e.g. using CD-ROMs, downloading education materials) learning methods.	Not a tutor or tuition searching platform
Dan Lo and Larry Wang [3]	2011	Proposed an online tutoring system with instant responses. This study shows how online tutoring is effective and what is the best practice to achieve the goal.	Only for professionals and online tutoring
Govaerts et al [4]	2014	Proposed an online tutoring platform Go-Lab to help new tutors to get help from experienced tutor and become an expert.	Not designed for students

7. References:

i. Paper Based:

[1] Constantin Hutanu and Adrian Tulbure. High quality educational platform for online tutoring researchers and engineers. In 2017 40th International Spring Seminar on Electronics Technology (ISSE), pages 1–5. IEEE, 2017.

[2] Nori Motlagh Mohammad, Fehresti Sara, Talebi Zahra, and Hesari Mojtaba. The study of the teacher's role and student interaction in e-learning process. In 4th International Conference on e-Learning and e-Teaching (ICELET 2013), pages 130–134. IEEE, 2013.

[3] Dan Lo and Larry Wang. An online tutoring system with instant responses. 2011.

[4] Sten Govaerts, Yiwei Cao, Nils Faltin, Faysal Cherradi, and Denis Gillet. Tutoring teachers-building an online tutoring platform for the teacher community. In European Summit on Immersive Education, pages 39–51. Springer, 2014.

ii. Information Based:

- Benchmarking learning and teaching: Developing a method ([Link](#)).
- Tutorsheba.com (Google search engine) ([Link](#)).
- Bdtutors.com (Google search engine) ([Link](#)).
- Caretutors.com (Google search engine) ([Link](#)).
- Dhakatutors.com (Google search engine) ([Link](#)).
- Deshtutor.com (Google search engine) ([Link](#)).