

Project Proposal

Version 1.0

Web Application for Online Tutors

Prepared for:

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By:

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1. Executive Summary

Quantum IT Innovation is an **India** based company offering services in **Website Development, Mobile App Development** and **UI/UX Designing**. We are a team of talented and experienced developers, designers and marketers who are highly committed to developing something best for you. "Our ultimate objective is to provide the best services and improve overall growth of the client's business in the competitive market". A strong foothold of innovative ideas, seasoned skills and ability to deliver a product with utmost perfection is what drives us vociferously in the global market. We work for sectors like health, e-commerce, education, travel, shopping, lifestyle, food, entertainment, logistics and many more.

Advantages of work with us:-

- Quick Response Time
- Specialized team - Certified Professionals
- Proven Track Record
- Verifiable References
- Specialized and focused service area
- Waterfall and Agile Methodology
- World-class infrastructure
- ISO Based Processes

2. Project Overview

Proposed project comprises the design and development of Web Application which enables online tutoring. There are three users involved in this application **User (Student) & Tutors & Admin**. User should be able to view the tutors list with subjects. User will also explore various services provided like One-One and One-Many using Zoom integration. User need to enroll to the classes. Admin will be able to manage the tutor, Subjects, , Payments Management, Hotel Management and many more.

3. Features Of The Web Application

Features for User

1. Login/ sign up

- User should be able to login with email id and password if already registered.
- If user is not registered, he/she should click on sign up to create new account.
- In the registration process user should enter details like name, username, email address and photo number, address.
- User should be able to set a password for new account.
- Users should be able to click on forget passwords to reset the password if forgot.

2. Home Screen:

- User can be able to view the list of all the tutors as per the subjects.
- User should be able to search with any keyword like tutors name, subject name and many more like this.
- User should be able to view the tutors detailing page which has the complete info about the tutor.
- User should be able to view a menu which has Home, Searching, Classes, Notifications and My Profile.

3. Searching:

- Users should be able to search for the tutor as per the subject
- Users should be able to filter tutors by subject expertise, availability, and teaching style and search
- Users should be able to sort by ratings, price and many more.
- Users should be able to view the details of the tutors like qualifications, experience.

4. Classes:

- Users should be able to view tutor profiles and select suitable tutors for booking classes.
- Users should be able to book individual or group classes based on tutor availability and there preferences.
- Users should be able to schedule classes for specific dates and times.
- Users should be able to receive the notification once the class is booked.
- Users should be able to view the Zoom Link after getting the booking confirmation which can't be shared.

5. Notification:

- Users should be able to get the notification after the payment is confirmed.
- Users should be able to get the notification once the class is booked.
- Users should be able to get the reminder of the class.

6. My Profile

- **Manage Profile:** - User will be able to view/edit personal info.
- User should be able to change the password.
- User will be able to delete the account or logout from here.
- User can change the profile image or remove it temporarily too.
- User should be able to view the static contact like privacy policy, terms & conditions, contact us.

Features for Tutors:

7. Login/ sign up

- Tutors should be able to login with email id and password if already registered.
- If Tutors is not registered, he/she should click on sign up to create new account.
- In the registration process tutors should enter details like name, username, email address and photo number, address.
- Tutors should be able to set a password for new account.
- Tutors should be able to click on forget passwords to reset the password if forgot.

8. Home Screen:

- Tutors can be able to view the list of the enrolled users.
- Tutors should be able to set their available time for teaching.
- Tutors should be able to view the tutors detailing page which has the complete info about the tutor.
- Tutors should be able to view a menu which has Home, Classes Management, Notifications and My Account.

9. Classes Management:

- Tutors should be able to reschedule, and cancel tutoring class.
- Tutors should be able to view the list of the users for group class.
- Tutors should be able to manage the users.
- Tutors should be able to manage duration of the class.

10. Notification:

- Tutors should be able to get the notification after receiving payment.
- Tutors should be able to get the notification once the class is booked.
- Tutors should be able to get the reminder of the class.
- Tutor should be able to get the notification of if any users is joining the class

11. My Account:

- **Manage Profile:** - Tutors will be able to view/edit personal info.
- Tutors should be able to reset the password.
- Tutors will be able to delete the account or logout from here.
- Tutors should be able to view the static content like privacy policy, terms & conditions, contact us.

Admin Panel:

1. Admin will be able to manage the user database.
2. Admin will be able to view particular Tutors Info.
3. Admin will be able to activate/deactivate any Particular User/ Tutor.
4. Admin will be able to manage the Tutors listing.
5. Admin will be able to view the list of classes
6. Admin will be able to send the personalized and general Notifications to User/ Tutors through email.
7. Admin will be able to manage static content of the app such as About Us, Terms & Conditions, and Privacy Policy etc.

4. Project Estimation

The proposed quote is 6000 CAD and the estimate of the total effort would be 8-12 weeks.

On your approval and confirmation, we will be working on the project delivery schedule based on our resources allocation plan.

**** The cost is estimated based on high-level requirements however there may be a variation of + - 10% based on the final requirements freeze.**

5. Payment Structure

Sr. No	Tasks	Amount
1.	Upfront Payment – Before kickoff the project	1500 CAD
2.	On Design Completion	1500 CAD
3.	On Design Integration	1500 CAD
4.	On Final Completion	1500 CAD
5.	Total Quote	6000 CAD Only

6. Warranty

Quantum IT Innovation shall give a warranty for all its code, provided a third party does not alter the same. Any bugs shall be addressed absolutely free of cost provided it does not involve adding new modules, which will be billable. Warranty applicable for 90 Days from the date of going live shall be valid only after clearance of full and final payment and receipt of feedback on the project.

7. Technology Stack

The Web Application will be built on open source platform. The tools used would be:

FrontEnd – React – Version 18.2.0

BackEnd – Node

BackEnd Database – MongoDB

Production Environment

The final tested version of the application will be deployed in the production environment and will be available to the end user. This will also serve as the staging/ QA environment before the first release/Beta of the application.

Development Environment

The development environment will be used for developing and testing future releases of the application. The version of the application deployed in the development environment will not be available to the end Sellers and will be accessible only to the developers.

The development environment will also serve as the staging/ QA environment for subsequent releases of the application but will not be used for any performance related testing since the server configurations in the development environment are not intended to replicate the production environment and thus will not give an accurate measure of how the application would perform in the production environment.

**This is the general term-In case of setting up instances like cpanel on Amazon web server and Google Cloud API, this work will cost extra 350 USD for with cPanel and 800 USD without cPanel. However in case of any other dedicated hosting server provider like GoDaddy, Blue host, Host gator: we won't charge anything extra for deploying site on live server.*

8. Terms & Conditions

- **Client Owns All Work Product.** As part of this job, the Developer is creating “work product” for the Client. To avoid confusion, work product is the finished product, as well as drafts, notes, materials, mockups, hardware, designs, patents, code, and anything else that the Developer works on—that is, creates, designs, develops, invents, works on, or reduces to practice—as part of this project, during the duration of the project. The Developer hereby gives the Client this work product once the Client pays for it in full. This means the Developer is giving the Client all its rights, titles, and interests in and to the work product, and the Client will be the sole owner of it. The Client can use the work product however it wants or it can decide not to use the work product at all. The Client, for example, can modify, destroy, or sell it, as it sees fit.
- **Developer’s Use of Work Product.** Once the Developer gives the work product to the Client, the Developer does not have any rights to it, except those that the Client explicitly gives the Developer here. The Client gives the Developer permission to use the work product as part of the Developer’s portfolio and websites, in galleries, and in other media, so long as it is to showcase the Developer’s work and not for any other purpose. The Developer is not allowed to sell or otherwise use the work product to make money or for any other commercial use. The Client is not allowed to take back this license, even after the Contract ends.

- **Developer's Help Securing Ownership.** In the future, the Client may need the Developer's help to show that the Client owns the work product or to complete the transfer. The Developer agrees to help with that. For example, the Developer may have to sign a patent application. The Client will pay any required expenses for this. If the Client can't find the Developer, the Developer agrees that the Client can act on the Developer's behalf to accomplish the same thing. The following language gives the Client that right: if the Client can't find the Developer after spending reasonable effort trying to do so, the Developer hereby irrevocably designates and appoints the Client as the Developer's agent and attorney-in-fact, which appointment is coupled with an interest, to act for the Developer and on the Developer's behalf to execute, verify, and file the required documents and to take any other legal action to accomplish the purposes of paragraph 6.1 (Client Owns All Work Product).
- **Developer's IP That Is Not Work Product.** During the course of this project, the Developer might use intellectual property that the Developer owns or has licensed from a third party, but that does not qualify as "work product." This is called "background IP." Possible examples of background IP are pre-existing code, product concepts, type fonts, properly-licensed stock photos, and web application tools. The Developer is not giving the Client this background IP. But, as part of the Contract, the Developer is giving the Client a right to use and license (with the right to sublicense) the background IP to develop, market, sell, and support the Client's products and services. The Client may use this background IP worldwide and free of charge, but it cannot transfer its rights to the background IP. The Client cannot sell or license the background IP separately from its products or services. The Developer cannot take back this grant, and this grant does not end when the Contract is over.
- **Developer's Right to Use Client IP.** The Developer may need to use the Client's intellectual property to do its job. For example, if the Client is hiring the Developer to build a website, the Developer may have to use the Client's logo. The Client agrees to let the Developer use the Client's intellectual property and other intellectual property that the Client controls to the extent reasonably necessary to do the Developer's job. Beyond that, the Client is not giving the Developer any intellectual property rights, unless specifically stated otherwise in this Contract.

9. Other Details

- The efforts estimation and planning is based on high level Business. Any reduction/addition to this will be considered during requirement analysis and knowledge transition phase and re-estimation will be carried out.
- Any change in scope during the project execution of the project will be handled through the Change Management process.
- Cost of infrastructure, hardware, software and network required at Client's office is not included in this proposal.
- Cost (in both the option) will not include cost of domain registration, hosting, payment gateway charges, data migration from old/existing site to new site and server management charges etc.
- Cost Estimation is valid for 30 days from the date of proposal has been sent. Then after the cost is subject to be varied as per the change of the company policy & other terms.
- Quantum IT expects that Client will provide timely input/feedback for all reviews and queries raised during the project execution. It is expected that Client will resolve queries in reasonable time frame. Any delay can result in slippage of the schedule.
- Quantum IT assumes that all sign-offs from Client will be provided within agreed and specified timeframe. Such time frame can be decided at the beginning of each key milestone/activity.
- All the documentation will be provided in English.
- It is requested to the clients provide confirmation/approval as & when required within 2 business days.
- Estimation does not include any data entry work as a part of this contract.
- All content, images, texts, Third party integration, services, API, Plug-in etc. information will be provided by the Client. If any of those attracts any cost to be acquired, same will be borne by the Client.
- Quantum IT is not responsible for any faulty software provided by any of the vendors supplying software for the development of application and consequences arising out of such usage.
- This proposal is valid for 30 days unless extended by Quantum IT.
- In case Client requires any extension of the proposed acceptance schedule, the associated effort and cost of such extension can be mutually reviewed.

- Quantum IT may display the project on its portfolio after completion of successful project and may get accreditation of the work as developed and designed for the site as a part of this contract unless it has been provided in written.
- For any circumstances if project needs to be put on Hold/Stop it requires minimum request notice period of 1- 2 weeks along with duration for which request will be addressed by management and final decision on the request will be based on that.
- Source code will only be delivered or uploaded on the live server once the due payment is made.
- Quantum IT won't be liable for any delay or problem caused by the Hosting Service provider. We will only help you in installing web application on server, if there is any glitch or problem, client will settle it with Hosting Service provider.

10. Quality Control & Project Management Procedure

- With a view to providing client work products of high quality, without compromising on timeliness, Quality Processes and Controls will be prepared for the development activity. These Processes and Controls cover all activities from receipt of specifications to delivery of the work product.
- The following controls are in place to ensure that projects deliver quality products on schedule and within budgets:
- Contract Reviews to ensure clear understanding and identification of customer requirements, mutual roles, responsibilities and risks.
- Preparation, Review and Approval of Project Related Plans.
- Team Allocation using Project Management System to ensure the best possible fit between project needs and the available manpower resources.
- Periodic Project Status/Progress Reviews to monitor progress against the plans and take corrective actions where necessary.
- Preparation, Review and Approval of Test Plans to ensure quality of the testing process.
- As part of our Quality Management System, all work is audited and reviewed at various levels.

Quality Objectives

Deliver a product that meets and exceeds client expectations.....No schedule slippage.

