



### **Assignment 03**

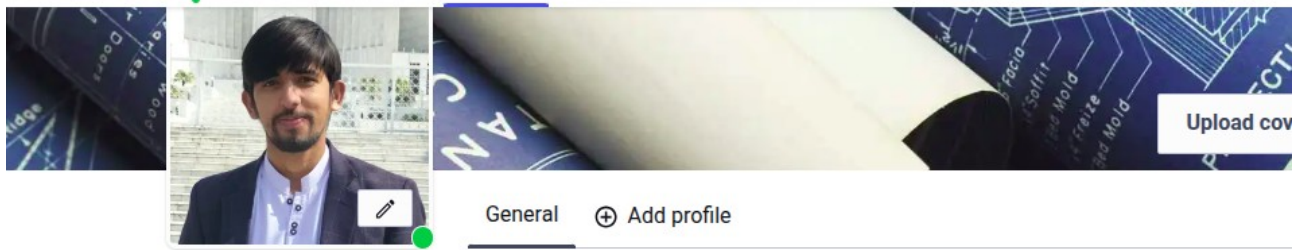
**Course: Software Quality Engineering**

**Submitted To: *[Dr.Sadaf Tanvir]***

***Submitted by***

<b>Name</b>	<b>Reg No</b>
<b>Azhar Mehmood</b>	<b>8397</b>
<b>Section</b>	<b>B-(BSSE)</b>

## Profile Freelancer.com



**Azhar M.** @azharmm

★★★★★ 0.0 0 \$ 0.0 0%

**web and app developer**

**\$15 USD / Hour** • 🇵🇰 Pakistan (11:26 AM) • Joined on November 24, 2025

I am a passionate Full Stack Web and Mobile (Android/iOS) Developer with hands-on experience building projects from scratch. I specialize in creating responsive websites and feature-rich mobile applications, and I have successfully completed several projects demonstrating my skills in both front-end and back-end development. I am committed to delivering high-quality solutions that meet client requirements efficiently.


## Bids:

### Bid 1:

[Details](#) [Proposals](#)

### Your Proposal

You are ranked 1 out of 141 proposals.



**Azhar M. @azharmm**  
★★★★★ 0.0 0 \$ 0.0 🇵🇰 Pakistan  
**web and app developer**

**\$600.00 USD**  
in 12 days

Hello, I can build a single billing system for your dairy service that works on iOS, Android, and the web, with automatic invoice generation as the core feature. Once you enter daily milk deliveries, the system will automatically calculate totals and generate clean PDF invoices—ready to download or email, with no extra manual work. ? Tech Stack... [more](#)

[Retract](#) [Edit](#)

### Other Proposals

### Bid 1 detail's:

freelancer.com/insights/bids

Project	Time to bid	Bid Rank	Winning Bid	Your Bid	Actions Taken	Client Information	Chat Initiated
<a href="#">Cross-Platform Milk Billing App</a>	7 hours, 22 minutes	#100+ of 141 bids	-	\$600.00 USD		★ 5.0  2	<a href="#">Chat</a>
<b>PROJECT NAME</b> <a href="#">Cross-Platform Milk Billing App</a>				<b>YOUR BID</b>			
<b>PROJECT DESCRIPTION</b> <p>I run a local dairy service and need a single application that works on iOS, Android, and the web to handle all of our billing. The core of the project is automatic invoice generation: once I record a customer's daily milk delivery, the system should compile those entries into a neat, shareable invoice without additional input from me. A PDF that can be emailed or downloaded directly from the user's device would be ideal.</p> <p>Although customer management and payment-gateway features may be added later, right now the priority is clean, accurate invoicing that updates in real time across every platform. Please build with a shared codebase (React Native, Flutter, or another cross-platform framework you prefer) and include an admin web dashboard where I can:</p> <ul style="list-style-type: none"><li>• enter or import delivery data</li><li>• view, edit, and approve invoices</li><li>• trigger individual or batch invoice sends</li></ul> <p><b>Deliverables</b></p> <ul style="list-style-type: none"><li>• iOS app, Android app, and responsive web dashboard all pointing to the same database</li><li>• source code and clear setup documentation</li><li>• a short walk-through video or live demo link so I can see the workflow end to end</li></ul> <p>Once the automatic invoicing is solid, I'd like the option to extend the project, so structure the code with future add-ons in mind.</p> <b>REQUIRED SKILLS</b> <a href="#">PHP</a> <a href="#">Mobile App Development</a> <a href="#">iPhone</a> <a href="#">Android</a> <a href="#">Web Development</a>				Hello,			
				I can build a single billing system for your dairy service that works on iOS, Android, and the web, with automatic invoice generation as the core feature.			
				Once you enter daily milk deliveries, the system will automatically calculate totals and generate clean PDF invoices—ready to download or email, with no extra manual work.			
				? Tech Stack			
				React Native (iOS & Android)			
				React Web Dashboard			
				Shared backend & database			
				Auto-generated PDF invoices			
				Real-time sync across platforms			
				? Key Features			
				<ul style="list-style-type: none"><li>✓ Enter or import delivery data</li><li>✓ Auto-generated invoices</li><li>✓ View, edit &amp; approve invoices</li><li>✓ Send invoices individually or in bulk</li><li>✓ Download / email PDF invoices</li></ul>			
				? Deliverables			
				iOS app, Android app & web dashboard			
				Shared database			
				Source code + setup documentation			
				Short demo video or live walkthrough			
				? Future-Ready			

Messages

**Bid2:**

## Instagram-Style Restaurant Meal Sharing App

Open

### Details

## Proposals

**You've successfully placed a bid**

View your performance with the new Bid Insights for a limited time →



## Your Proposal

You are ranked 68 out of 75 proposals.



Azhar M. @azharmm

 0.0
  0
  0.0
  0%
  Pakistan

web and app developer

**\$300.00 USD**

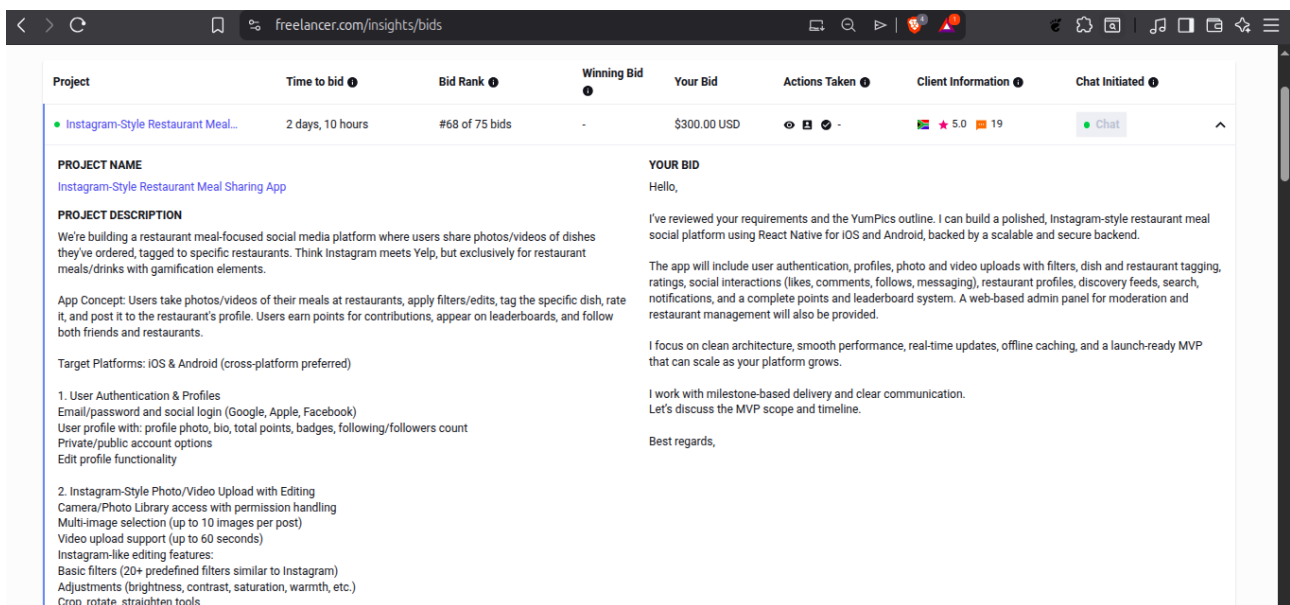
in 11 days

Hello, I've reviewed your requirements and the YumPics outline. I can build a polished, Instagram-style restaurant meal social platform using React Native for iOS and Android, backed by a scalable and secure backend. The app will include user authentication, profiles, photo and video uploads with filters, dish and restaurant tagging, ratings, social... [more](#)

Retract

Edit

### Bid2 details:



Bid3:

Enhance & Refactor Existing React Frontend


Open


Details

Proposals

You've successfully placed a bid


View your performance with the new Bid Insights for a limited time ...





Your Proposal

You are ranked 35 out of 44 proposals.




Azhar M. @azharmm

★★★★★ 0.0

0

\$ 0.0

0%

 Pakistan

web and app developer

₹24,000.00 INR






in 5 days

Hi, I'm a React developer with experience stabilizing and enhancing theme-based projects. I've worked extensively with inherited codebases, ensuring clean state management, robust API integration, and seamless WebSocket functionality without altering existing UI/UX. From your description, I understand that the goal is to: Fix existing issues and... more

Retract

Edit


Bid3 details:

Project	Time to bid	Bid Rank	Winning Bid	Your Bid	Actions Taken	Client Information	Chat Initiated
<div>Enhance &amp; Refactor Existing...</div>	33 minutes, 36 seconds	#36 of 44 bids	-	₹24,000.00 INR	  	 ★ 5.0  1	<div>Chat</div>
<div>PROJECT NAME</div> <div>Enhance &amp; Refactor Existing React Frontend</div> <div>PROJECT DESCRIPTION</div> <div>React Frontend Stabilisation, Refactor &amp; Feature Enhancements (Theme-Based Project)</div> <div>Project Overview</div> <div>We have an existing React frontend built using a purchased professional theme. The UI, layouts, and styling are already implemented and must be preserved.</div> <div>The project includes:</div> <div>A list of existing issues and regressions</div> <div>Some new feature requirements</div> <div>A chat system using APIs and WebSockets</div> <div>All details are documented in an attached Excel sheet, which should be treated as the primary scope document.</div> <div>This is not a fresh build and not a full rewrite.</div> <div>The goal is to stabilise the frontend, improve state management, cleanly integrate backend logic, and implement listed enhancements, while keeping the theme and UI intact.</div> <div>Scope of Work</div> <div>Included</div> <div>Review the existing React frontend codebase</div> <div>Preserve the purchased theme, UI components, layouts, and branding</div> <div>Fix issues and regressions listed in the attached Excel sheet</div>				<div>YOUR BID</div> <div>Hi,</div> <div>I'm a React developer with experience stabilizing and enhancing theme-based projects. I've worked extensively with inherited codebases, ensuring clean state management, robust API integration, and seamless WebSocket functionality without altering existing UI/UX.</div> <div>From your description, I understand that the goal is to:</div> <div>Fix existing issues and regressions</div> <div>Implement new feature requirements</div> <div>Refactor frontend logic for stability and maintainability</div> <div>Improve chat system reliability</div> <div>Preserve the purchased theme and UI components</div> <div>I excel in working with structured documentation (Excel/Jira) and coordinating with backend developers to integrate APIs and WebSockets effectively. I focus on clean, maintainable code and avoid temporary fixes, ensuring long-term project stability.</div> <div>I'm confident I can deliver the required enhancements while preserving your theme and improving overall frontend reliability. I'm available to start immediately and can provide regular updates to keep you fully informed of progress.</div> <div>Looking forward to working with you on this project</div> <div>Best regards.</div>			

Messages



## Bid4 :

 Browse Manage Groups

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Expense Manager App Open


Details Proposals

You've successfully placed a bid

View your performance with the new Bid Insights for a limited time ...

### Your Proposal

You are ranked 23 out of 27 proposals.



**Azhar M. @azharmm**

★★★★★ 0.0 0 \$ 0.0 0% 0% Pakistan

**web and app developer**

**₹7,000.00 INR**

in 9 days

Hi there, I'm Azhar Mehmood, a mobile app developer with hands-on experience building cross-platform apps using React Native and Flutter. I specialize in clean, user-friendly interfaces and functional dashboards—perfect for budget tracking and expense management. For your project, I can deliver: A fully functional iOS & Android app... [more](#)

Retract

Edit

## Bid4 details:

freelancer.com/insights/bids

insights on all your bids, [upgrade to Professional or Premier today!](#)

Project	Time to bid	Bid Rank	Winning Bid	Your Bid	Actions Taken	Client Information	Chat Initiated
<a href="#">Expense Manager App</a>	57 minutes, 50 seconds	#23 of 27 bids	-	₹7,000.00 INR		★ - 0	<a href="#">Chat</a>

**PROJECT NAME**  
[Expense Manager App](#)


**PROJECT DESCRIPTION**  
I'm ready to move forward with a simple yet solid expenses-manager application that runs natively on both iOS and Android. Core focus is accurate budget tracking—clean input screens, clear category breakdowns, real-time summaries, and a dashboard I can tweak later. Receipt scanning and multi-user support may follow, so if you have done those before, let me know, but they aren't part of this first build.  
  
Because I'll need quick, face-to-face iterations, I'm only considering developers or small teams based in Ahmedabad. If you normally work with Flutter, React Native, Swift + Kotlin, or any other modern cross-platform stack, that's fine—just highlight your experience with it and show me one or two comparable apps you've shipped.  
  
Deliverables I expect:  
• A functional cross-platform app with budget tracking fully working.  
• Source code in a private repo, cleanly documented.  
• A brief hand-off session so I can maintain the project.  
  
When you apply, focus on your relevant experience—links or store listings speak louder than long proposals. If you're in Ahmedabad and can start soon, I'm ready to award quickly.  
  
**REQUIRED SKILLS**  
[Mobile App Development](#) [iPhone](#) [Android](#) [iPad](#) [Swift](#)

**CLIENT ENGAGEMENT**  
 Contacted less than 10 freelancers  
 Invited 0 freelancers to bid

**YOUR BID**  
Hi there,  
  
I'm Azhar Mehmood, a mobile app developer with hands-on experience building cross-platform apps using React Native and Flutter. I specialize in clean, user-friendly interfaces and functional dashboards—perfect for budget tracking and expense management.  
  
For your project, I can deliver:  
  
A fully functional iOS & Android app  
  
Smooth budget tracking with clear category breakdowns and real-time summaries  
  
Clean, well-documented source code in a private repo  
  
A short hand-off session so you can easily maintain the app  
  
While receipt scanning and multi-user support aren't part of this first build, I can structure the app so these features can be added later. I'm ready to start immediately and ensure fast, clear communication throughout.  
  
Looking forward to working with you!

Messages

## Bid5:

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### Mobile Quiz App Development

Open


Details Proposals

You've successfully placed a bid

View your performance with the new Bid Insights for a limited time ...

#### Your Proposal

You are ranked 1 out of 177 proposals.



**Azhar M. @azharmm**

★★★★★ 0.0 0 \$ 0.0 Pakistan

web and app developer

**\$600.00 USD**

in 10 days

Hi, I'm a mobile app developer experienced in building cross-platform apps for both iOS and Android. I specialize in creating classroom-style quiz apps with intuitive interfaces, cloud-based storage, and real-time tracking—perfect for your requirements. I can deliver a fully functional quiz app that includes a multiple-choice question bank, class selector... [more](#)

Retract Edit

## Bid5 details:

Mobile Quiz App Development 3 days, 19 hours #100+ of 177 bids \$600.00 USD 5.0 4 Chat

**PROJECT NAME**

Mobile Quiz App Development

**PROJECT DESCRIPTION**

I want to bring a straightforward, classroom-style quiz experience to both iOS and Android, but I have absolutely no development background, so the project has to cover everything—planning, coding, testing, store submission and post-launch hand-holding. The core of the app is a bank of multiple-choice questions that I can keep expanding on my own. All content will sit behind a simple class selector (implemented as a drop-down menu) so students pick their level the moment they open the app.

Home screen

- Upper section: a live leaderboard that automatically shows the top-10 scorers for the selected class.
- Lower section: a personal progress bar per subject—Math, English, Science and Malay language—displaying something like "100 / 1 000 questions answered".

Essential features I need built in

- Intuitive template or admin panel where I can upload or bulk-import new multiple-choice questions any time without touching code.
- Cloud-based storage so rankings and progress sync across devices.
- Clean UI that makes the drop-down class selection obvious and the progress bars easy to understand.
- End-to-end publishing: certificates, screenshots, store listing text, TestFlight / Play Console testing, final submission and acceptance.

After hand-off I expect clear documentation (video or PDF) on how to add questions, reset leaderboards and push app updates. Code ownership remains with me and the finished builds must pass App Store & Play Store review.

If this fits your skill set, please include a quick outline of the tech stack you recommend (for example Flutter + Firebase or React Native + Supabase) and an estimated timeline from kick-off to store approval.

**REQUIRED SKILLS**

PHP Mobile App Development iPhone Android iOS Development

**CLIENT ENGAGEMENT**

**YOUR BID**

Hi,

I'm a mobile app developer experienced in building cross-platform apps for both iOS and Android. I specialize in creating classroom-style quiz apps with intuitive interfaces, cloud-based storage, and real-time tracking—perfect for your requirements.


I can deliver a fully functional quiz app that includes a multiple-choice question bank, class selector, and progress tracking. The app will feature a leaderboard showing the top-10 scorers per class, personal progress bars for Math, English, Science, and Malay, and an admin panel or template that allows you to upload or bulk-import new questions without touching code. All data will sync across devices via cloud storage, and the UI will be clean and user-friendly with clear class selection and progress displays.

For development, I recommend using Flutter + Firebase for fast cross-platform delivery, real-time syncing, and easy maintenance. I will also provide clear documentation in video or PDF format for adding questions, resetting leaderboards, and updating the app. I can start immediately and aim to deliver the complete project, including App Store and Play Store approval, within 6–8 weeks, ensuring full code ownership remains with you.

Looking forward to bringing your quiz app vision to life!

Messages

## Bid6 :

 Browse Manage Groups 16 1 Post a P

### React Web to Android App


Open

Details Proposals

**You've successfully placed a bid**  
View your performance with the new Bid Insights for a limited time →

#### Your Proposal

You are ranked 25 out of 32 proposals.



**Azhar M. @azharmm**

★★★★★ 0.0 0 \$ 0.0 0% 🇵🇰 Pakistan

**web and app developer**

Hi, I'm an experienced mobile developer specializing in transforming React web applications into fully functional Android apps. I can ensure your utility-focused app works seamlessly on Android, preserving every feature while taking advantage of native performance. I will integrate Firebase Cloud Messaging for real-time push... [more](#)

Retract Edit

**₹7,500.00 INR**  
in 10 days

## Bid6 details:

Project	Time to bid	Bid Rank	Winning Bid	Your Bid	Actions Taken	Client Information	Chat Initiated
React Web to Android App	4 days, 2 hours	#26 of 32 bids	-	₹7,500.00 INR		5.0  4	<span>Chat</span>
<p><b>PROJECT NAME</b> React Web to Android App</p> <p><b>PROJECT DESCRIPTION</b> I have a utility-focused web application built entirely in React and I'm ready to turn it into a full-fledged Android app. The codebase is clean and modular; what I need is an experienced mobile developer who can wrap or rebuild the existing React components so they run smoothly on Android, take advantage of native performance, and preserve every current feature.</p> <p>Beyond the straight conversion, two additions are essential:</p> <ul style="list-style-type: none"><li>• Firebase Cloud Messaging must be wired up for real-time push notifications. I already have a Firebase project ID; you'll configure the Android app, handle the token lifecycle, and confirm notifications arrive when the app is foregrounded, backgrounded, or closed.</li><li>• In-app geolocation marking. A simple tap should capture the user's location (GPS accuracy ±50 m or better) and send it to our existing backend endpoint. Permission handling, fallback logic, and graceful denial states have to be in place.</li></ul> <p>Once those pieces are finished, I will need your help publishing the APK/AAB through our company Play Console account. The listing, screenshots, signed release build, and Play Store compliance checklist all have to clear Google review.</p> <p>Acceptance criteria</p> <ol style="list-style-type: none"><li>1. All web features replicated in the Android build without visual regressions.</li><li>2. Push notifications delivered consistently via Firebase (tested with sample payloads).</li><li>3. Geolocation coordinates logged accurately and displayed in the app.</li><li>4. Release build uploaded, approved, and visible on Google Play under our organisation's ID.</li></ol> <p>If you're comfortable working with React (and ideally React Native or a comparable wrapper), Firebase, and</p>				<p><b>YOUR BID</b> Hi,</p> <p>I'm an experienced mobile developer specializing in transforming React web applications into fully functional Android apps. I can ensure your utility-focused app works seamlessly on Android, preserving every feature while taking advantage of native performance.</p> <p>I will integrate Firebase Cloud Messaging for real-time push notifications, handling configuration, token management, and ensuring notifications are delivered whether the app is foregrounded, backgrounded, or closed. I'll also implement in-app geolocation marking, so users can tap to share their location accurately with your backend, including proper permission handling and graceful fallback for denied access.</p> <p>After development, I'll guide you through publishing the signed release build to your Play Console account, covering screenshots, listing details, and Google Play compliance to ensure smooth approval. I'm ready to start immediately and deliver a stable, production-ready Android app that mirrors your web app perfectly.</p> <p>Looking forward to making your web app accessible to Android users.</p>			



