1. Functional Test Cases

Authentication

	Test Case	Steps	Expected Result
1	Register with valid data	Fill in email, password, confirm password, click "Sign up"	Account is created, user is redirected/logged in
2	Register with invalid email	Enter invalid email	Error message for invalid email format
3	Register with unmatched passwords	Enter different values in password and confirm password	Error message: Passwords do not match
4	Login with correct credentials	Fill valid email and password, click "Sign in"	Redirected to dashboard/profile
5	Login with incorrect password	Fill valid email but wrong password	Error message: Invalid credentials
6	Logout	Click on profile icon, choose logout	User is logged out, redirected to login page

Profile Management

	Test Case	Steps	Expected Result
7	Update profile fields	Change username/email/info, click "Save changes"	Changes are saved, success message appears
8	Add new URL	Click "Add another" under URLs, enter link	New field appears and accepts valid URLs
9	Invalid input in profile	Leave fields blank or enter special characters	Field-level validation or error messages

Tasks

	Test Case	Steps	Expected Result
10	Create a new task	Navigate to task creation page, fill in title, description, budget, deadline	Task is saved and visible in the task list
11	Create task with missing fields	Leave required fields blank (e.g., title or budget)	Error messages shown, form not submitted
12	View task details	Click on a listed task	Redirects to a page with full task details
13	Edit a task	Click "Edit" on own task, modify fields, save changes	Updates are reflected immediately
14	Delete a task	Click "Delete" on own task, confirm deletion	Task is removed from list and DB
15	Unauthorized edit/delete	Try to edit/delete another user's task	Access denied, error or redirect shown

Proposals

	Test Case	Steps	Expected Result
16	Submit a proposal	Open a task, fill proposal message, budget, deadline	Proposal is saved and shown under task
17	Submit empty/invalid proposal	Leave required fields blank or invalid	Validation error shown, form not submitted
18	View proposals (Client)	As task owner, open task page	See all proposals submitted for task

	Test Case	Steps	Expected Result
19	View submitted proposals (Freelancer)	Navigate to "My Proposals"	User sees list of submitted proposals with status
20	Withdraw proposal	Click "Withdraw" on own proposal	Proposal is removed or marked withdrawn
21	Accept proposal (Client)	Click "Accept" on a proposal	Status changes, task marked as "In Progress"
22	Decline proposal	Click "Decline"	Proposal marked as rejected or hidden

Chat

	Test Case	Steps	Expected Result
23	Send a message	Open chat with a user, type message, click "Send"	Message appears instantly in chat window
24	Send empty message	Try to send a blank message	Send button disabled
25	Receive a message	Have another user send a message	Message appears in real-time
26	View chat history	Reopen chat	Previously sent/received messages are loaded
27	Start new chat	Click "Message" from task/proposal/user profile	New chat is created or existing chat opened
28	Blocked user chat	Try to message a user who blocked you	Access denied or error message shown
29	Attach file (if supported)	Upload image/document in chat	File preview or download link appears
30	Delete message (optional)	Click delete icon next to message	Message is removed or marked deleted

2. Non-Functional Test Cases

Performance

	Test Case	Steps	Expected Result
31	Page load time	Load website pages	Loads within 2 seconds
32	Concurrent logins	Simulate multiple users logging in (e.g., 50–100 test accounts)	System remains stable, no crashes
33	Submit large task description	Add 500+ words in description	System handles it smoothly without crashing
34	Proposals under heavy load	Simulate 100+ proposals for one task	Task page still loads with no major slowdown
35	No duplicate proposal	Try to submit two proposals for the same task	System prevents duplicates
36	Send message during slow network	Use throttling tools or weak Wi-Fi	Message retries or shows loading status
37	Large chat history	Load chat with 500+ messages	System loads efficiently with scroll pagination
38	Offline messaging	Send message while offline	Message is queued and sent when back online
39	Data sync across devices	Send a message on one device, check another	Chat stays in sync with all content consistent

Security

	Test Case	Steps	Expected Result

40	Password visibility toggle	Check if passwords are hidden by default	Passwords are masked
41	SQL Injection	Try `email' OR '1'='1` in input fields	Input sanitized, no access granted
42	XSS attempt	Submit `<script>alert(1)</script>` in profile info	Script is escaped or rejected
43	HTTPS check	Access app via browser	HTTPS is enforced (secure lock shown)

3. UI/UX Test Cases

	Test Case	Steps	Expected Result
44	Responsive design	Resize browser or use mobile	Layout adjusts to screen size, no content overflow
45	Consistent font and spacing	Compare across all screens	Same font family, margin, padding

Authentication

	Test Case	Steps	Expected Result
46	Field labels and placeholders	Check email/password fields	Proper labels and placeholder text shown
47	Disabled state for buttons	Leave fields empty	"Sign up"/"Sign in" buttons disabled or give warning
48	Navigation between login/register	Use "Already have an account?" / "Don't have an account?"	Proper redirection between forms

Tasks and Proposals

	Test Case	Steps	Expected Result
49	Task card layout	Check task listing	Proper layout: title, budget, short desc shown
50	Proposal form	Open proposal modal/form	Fields are clearly labeled and spaced
51	Status indicators	Open task/proposals pages	Clear labels like "Pending," "Accepted," "Rejected"
52	Feedback after submission	Submit task or proposal	Confirmation message or redirect shown
53	Mobile task view	Open task list/detail on mobile	All content fits screen and remains readable

Chat

	Test Case	Steps	Expected Result
54	Chat layout	Open chat window	Messages are aligned by sender (left/right), timestamps shown
55	New message indicator	Receive a message in background	Visual cue (badge, sound, or toast) is shown
56	Scroll to latest	Open long conversation	View scrolls to latest message
57	Responsive chat	Open chat on mobile	Layout adjusts, input bar accessible, messages readable

58	Time formatting	Send messages at different times	Timestamps show appropriate format (e.g., 10:45 AM or "Yesterday")