

Test Case Sheet: CampusLoop

Test Case ID	Module	Test Case Scenario	Test Input	Expected Output	Actual Output	Status
TC REG 01	User Registration	Successful Registration	Name = Masum, Email = 22235103573@bubt.edu.bd, Password = StrongPass123	Account created successfully, verification email sent	Account created, "Verify Email" inbox notification received.	Pass
TC REG 02	User Registration	Invalid Email Format	Email = masumbubt.edu.bd, Password = StrongPass123	Error: Invalid email format	System displayed red alert: "Please include an '@' in the email address."	Pass
TC REG 03	User Registration	Email Already Registered	Email = 22235103573@bubt.edu.bd, Password = StrongPass123	Error: Email already registered	Error displayed: "User with this email already exists."	Pass
TC_REG_04	User Registration	Weak Password	Email = masum2@bubt.edu.bd, Password = 123	Error: Weak password. Minimum length 6	Error displayed: "Password too short. Minimum 6 chars."	Pass

TC LOGIN 01	User Login	Successful Login	Email = 22235103573@bubt.edu.bd, Password = StrongPass123	Redirected to home page	Successfully redirected to Dashboard/Home.	Pass
TC LOGIN 02	User Login	Invalid Credentials	Email = 22235103573@bubt.edu.bd, Password = WrongPass	Error: Incorrect password	Error displayed: "Invalid email or password."	Pass
TC LOGIN 03	User Login	Unregistered Email	Email = unknown@bubt.edu.bd, Password = 123456	Error: Account not found	Error displayed: "Account does not exist."	Pass
TC LOGIN 04	User Login	Missing Fields	Email, Password = [Empty]	Error: All fields required	No error message appeared; Login button was unresponsive.	Fail
TC ITEM 01	Item Listing	Add New Item for Rent	Title = MacBook Pro, Price = 500/day, Category = RENT, Tags = laptop, gaming	Item added successfully and visible in listing	Item "MacBook Pro" appeared at top of the feed.	Pass
TC_IT EM_02	Item Listing	Missing Required Fields	Title = ""	Error: Please enter a title	System highlighted the Title box in red.	Pass

TC ITEM 03	Item Listing	Add Item Image	Upload = laptop.jpg	Image successfully uploaded	Preview of laptop.jpg displayed in the form.	Pass
TC ITEM_04	Item Listing	Edit Existing Listing	Change price = 600	Listing updated successfully	Price updated to 600 BDT on the item card.	Pass
TC ITEM 05	Item Listing	Delete Listing	Select Delete on item	Listing removed successfully	Item removed from "My Listings" and Home feed.	Pass
TC ITEM_06	Item Listing	Add Skill Listing	Service Tutoring, Rate=300/hr	Service posted successfully	Service card added under "Skills" tab.	Pass
TC ITEM_07	Item Listing	Invalid Price Input	Price = abc	Error: Invalid price format	System accepted "abc" and displayed Price as "NaN".	Fail
TC ITEM 08	Item Listing	Add Damage Waiver	Add waiver = Yes	Waiver added and shown in summary	Waiver checkbox is checked in item details.	Pass
TC ITEM_09	Item Listing	Set Security Deposit	Deposit = 1000 BDT	Deposit attached to item	Deposit amount displayed correctly on listing.	Pass
TC	Renting	Successful	Item	Renting	"Rental	Pass

RENT 01	Item	Item Rental	\$Id=1234\$, User \$Id=U001\$, Duration = 3 days	confirm if owner accept	Request Sent" toast message appeared.	
TC RENT 02	Renting Item	Attempt Rental Without Login	User not authenticated	Error message: "Please log in to rent an item."	Redirected to Login Page with message "Please log in first."	Pass
TC_RE NT_03	Renting Item	Check Active Rentals	User \$ID=U001\$	List of ongoing rentals displayed	Correctly displays 1 active rental item.	Pass
TC_RE NT_04	Renting Item	View Rental History	User \$ID=U001\$	Past rental records displayed with status	History table loaded with correct dates.	Pass
TC RENT 05	Renting Item	Chat with Owner Before Renting	Click "Contact"	Chat screen opens successfull y	Redirected to Chat module with owner selected.	Pass
TC CHAT 01	Chat & Notif	Initiate Chat	Buyer logs in. Goes to any rental post.	Chat window opens	Chat interface loaded.	Pass
TC CHAT 02	Chat & Notif	Send Message	Clicks on "Message Seller", Message = 'Is this available?'	Message delivered instantly	Message bubble appeared with "Sent" tick.	Pass

TC_CH AT_03	Chat & Notif	Network Loss During Chat	Disable internet mid-chat	Message queued and sent when reconnected	Message showed "Sending..." spinner, then "Sent" after WiFi enabled.	Pass
TC_CH AT_04	Chat & Notif	Notification on New Message	Seller replies	Push notification appears	Notification did not appear on lock screen.	Fail
TC CHAT 05	Chat & Notif	Unauthorized Chat	User not logged in	Error: Login required to chat	Access denied pop-up displayed.	Pass
TC_NE _01	News & Events	View Event Feed	Open 'Events' tab	All verified events displayed	Events list loaded with images.	Pass
TC_NE _02	News & Events	Register for Event	Click 'Join Event'	Confirmation message: Registered successfully	"You have joined TechFest 2025" success message shown.	Pass
TC_NE _03	News & Events	No Internet	Disable Wi-Fi	Error: No connection	App showed "Offline Mode" banner.	Pass
TC_NE _04	News & Events	Invalid Event ID	\$ID=0000\$	Error: Event not found	404 Page Not Found displayed.	Pass
TC_NE _05	News & Events	Post Event (Admin)	Title = TechFest 2025	Event posted successfully	Event appeared on user feed	Pass

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TC ADM 01	Admin & Reporting	Verify New User	Click 'Verify'	User verified successfully	Blue checkmark added to user profile.	Pass
TC ADM 02	Admin & Reporting	Reject Fake Listing	Listing flagged	Listing removed	Listing removed from database.	Pass
TC ADM 03	Admin & Reporting	Handle Dispute	User report = 'Late return'	Case resolved and noted	Dispute status changed to "Closed".	Pass
TC ADM 04	Admin & Reporting	Backup System Data	Click 'Backup'	Backup completed successfully	SQL dump file generated and downloaded .	Pass