**WALK THROUGH**

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**Scenario 1 : Money Transfer**

**Successful Scenario:**

● The user clicks on the transaction section and selects the recipient whom he wants to transfer the money.The user is then redirected to a new window where he needs to sign in into his online bank account by providing the appropriate details.**[A1]** Then the user is required to fill a form regarding the details of the recipient’s bank account and the money to be transferred.**[A2]** Then, the system requests the user for the confirmation of transaction and then the money is successfully transferred from the user to the recipient.

**Unsuccessful Scenario :**

**● [A1]**  The user provides in with the wrong details of his bank account and is not able to login into his online bank account. The new window is closed and the user is directed again to the system transaction section.

**● [A2]** The user provides with an amount greater than his/her balance which results into cancellation of the transaction and displaying a message “You do not have enough balance for the transaction.” The details filled in the form by user is cleared and is again required to provide with the appropriate details.

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| Participating  Classes | Relationship  Among Classes | Attributes | Methods | Missing Elements |
| Owner,Hirer,  Payment,  BankAccount. | Transaction occurs between Owner and Hirer class through Payment class. | Username,Account Details,Amount,Mode | Login(),  Deposit(). | getStatus(),  getReceipt(). |

**Scenario 2: Login**

**Successful scenario-**

● User goes on the website and registers himself.He puts his login details( username and password **[A1]** ) for logging into the system. **[A2]**

**Unsuccessful scenario:**

**● [A1]** Invalid username or password, user will be requested to enter his correct logging details and will be given an option of forgot password password in case he does not remember his password.

**● [A2]** In case user is logging into the system after a long time/ is not a frequent user, an OTP will be sent on his mobile number in order to verify the authenticity of the user.

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| Participating  Classes | Relationship  Among Classes | Attributes | Methods | Missing Elements |
| Owner,Hirer | No relation | Username,Password,contact,E-mail ID,Address | UpdateDetails()  ,signUp(). | Authenticate() |

**Scenario 3: Product Details**

**Successful scenario-**

● Owner logs into his account and puts the detail of the product that he/she is putting for rent along with the time period for which the item is available. Also, if there is some insurance**[A1]** , it should be mentioned along with the pics **[A2]** of the product.

**Unsuccessful scenario:**

**● [A1]** The details which the owner is uploading, must be true regarding that product and in case some insurance is there, it must be for the upcoming days i.e. insurance must be valid.

**● [A2]** The user must put at least 5 pics from different angles of the product that he is willing to put on rent otherwise product details will not be uploaded.

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| Participating  Classes | Relationship  Among Classes | Attributes | Methods | Missing Elements |
| Owner,Product,Location | Owner uploads product details along with the location. | Price,  Insurance,  typeOfProduct,availability,  durationOfHire. | updatePrice(),  uploadPhoto(),  setAvailability(), setDurationOfHire(),getDurationOfHire(),updateLocation(),  addNewLocation() | Rating,Address |

**Scenario 4: Uploading Legal Document**

**Successful scenario-**

● Customers and owners both scans the document and uploads them successfully **[A1]** .The system approves the scanned the documents and redirects user for the further process **[A2]**.

**Unsuccessful scenario:**

**● [A1]**The user is unable to scan the required documents and is unable to provide the required details expected from the scanned copy.In this case the user is redirected to the help page where guidelines are given which helps the user scan the documents correctly.

**● [A2]** The user scans the document successfully and upload them, the system however verifies the document as unclear or unreadable and asks the user the re scan the document.

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| Participating  Classes | Relationship  Among Classes | Attributes | Methods | Missing Elements |
| Owner,Hirer | Owner and Hirer both uploads the document on a common portal. | None | makeAffidavit(),Upload(). | Authenticate(). |

**Scenario 5: Contact Technician**

**Successful scenario-**

● Customer calls the technician in case the product stops working or wears down during the period of hire .Technician with appropriate skill set visits the customer **[A1]** and gets payment.

**Unsuccessful scenario:**

**● [A1]** Technician with given specialization is not available during that time period. He is redirected back to the home page.

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| Participating  Classes | Relationship  Among Classes | Attributes | Methods | Missing Elements |
| Hirer, Technician,  Payment | Hirer calls the technician and gets payment in return. | WorkSpecialization,  Account Details,Amount,Mode. | getPayment(),  ,  addSkillSet(). | setAvailability(). |

**Scenario 6: Chat**

**Successful scenario-**

● Hirer contacts owner to get more information regarding the product **[A1]**. He negotiates with the owner and they mutually decide when to meet.

**Unsuccessful scenario:**

**● [A1]** Hirer is unable to contact the owner so reconnecting take place..

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| Participating  Classes | Relationship  Among Classes | Attributes | Methods | Missing Elements |
| Hirer, Owner,Chat-Application | Hirer and owner chat with each other through chatApplication. | Chatroom,  Status. | sendMessage(),  setStatus(). | writeMessage(). |