| Feature | Test Case | Description | Steps | Input |
|----------------------|--|---|--|--|
| User CRUD operations | Create a user | Check if an | Prepare input data: first | 1. Antonina |
| | profile | account can be created | name, last name, age and user type as JSON | 2.Yordanova 3.22 4. NONE |
| | Update the user profile | Check if it is valid for update | Prepare new input data for update | Updated info |
| | Delete the user profile | Check if it is valid for deletion | Valid and correct data | 1. User Id |
| Ticket operations | Book a ticket | Check for ticket booking | Prepare input data: user id, withChild, destination time, destination ids in JSON format | 1. 1001 2. true 3. "8.30" 4. [1000, 1001, 1002] |
| | Cancel a ticket | Check for ticket cancelation | Provide ticket id | 1. Ticket id |
| Booking function | Ticket is booked for a standard user in rush hour no child | Book a ticket for a regular user in rush hour with no child for one way | Prepare data of type BookingDTO as JSON | 1. userType: None 2. False 3. 8.00 4. 1,2 |
| | Ticket for standard user in normal hour no child | Book a ticket for a regular user in normal hour with no child for one way | Prepare data of type BookingDTO as JSON | 1. userType: None 2. False 3. 12.30 4. 1,2 |
| | Ticket is booked for a family user with child in rush hour | Book a ticket for a family user with child in rush hour | Prepare data of type BookingDTO as JSON (Family type and child) | 1. userType: Family 2. true 3. 17.00 4. 1,2 |
| | Ticket is booked for a family user in rush hour without a child | Book a ticket for a family user no child in rush hour | Prepare data of type BookingDTO as JSON (Family type, no child) | 1. userType: family 2. false 3. 18.30 4. 1,2 |
| | Ticket is booked for an over 60 user in rush hour | Book a ticket for an over 60 user in rush hour | Prepare data of type BookingDTO as JSON (Over 60 type, no child) | 1. userType: Over60 2. False 3. 7.00 4. 1,2 |
| | Ticket is booked for an over 60 user in normal hour | Book a ticket for an over 60 user in rush hour | Prepare data of type BookingDTO as JSON (Over 60 type, no child) | 1. userType: Over60 2. false 3. 12.00 4. 1,2 |

| Expected result | Actual result | Pass/Fail |
|--|---|-----------|
| Created user profile | POST request for creation of a profile | Pass |
| Updated user profile | PUT Request for update | Pass |
| A user is deleted | A DELETE request for deletion | Pass |
| A ticket is created and the price is calculated | An Object for ticket is created and saved to DB | Pass |
| Ticket is cancelled | Ticket is marked with status CANCELED in DB | Pass |
| Ticket price is 20 | | Pass |
| Ticket price is 19 | 19 | Pass |
| Ticket price is 10 | 10 | Pass |
| Ticket price is 20 | 20 | Pass |
| Ticket price is 13.2 | 13.2 | Pass |
| Ticket price is 12.54 | 12.54 | Pass |