**Lesson 12 Cíntia Domingos**

**Beet Seed**

**1.**

**High-level test case for a train tickets app**

**Title:** Buy a one-way train ticket

**Description:** This scenario tests the ability tobuy a train ticket

**2.**

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| **Test Case ID** | **Title** | **Preconditions** | **Steps** | **Expected result** |
| 1.00 | Select the desired station of departure | Environment: Android 10+ | 1. On the home page, tap on the “Departure station” field. | The cursor is shown on the field. |
|  |  |  | 2. Start typing the name of the station. | A dropdown list is displayed under the “Departure station” input field, showing station names that match the inserted letters. |
|  |  |  | 3. Tap on the name of the desired station in the dropdown list. | The name of the desired station is inserted in the “Departure station” field. |

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| **Test Case ID** | **Title** | **Preconditions** | **Steps** | **Expected result** |
| 2.00 | Select a seat | Environment: Android 10+ | 1. On the home page, select a departure station, an arrival station and a date. | The fields are filled with the selected data. |
|  |  |  | 2. Tap the “Search” button. | The list of the corresponding results is shown. |
|  |  |  | 3. Tap the radio button of the desired travel time. | The radio button changes colour, indicating it’s selected. |
|  |  |  | 4. Click on the button “Proceed”. | The “Select a seat” page is displayed with an image showing all the seats in each carriage. |
|  |  |  | 5. Tap the desired empty seat. | The seat is selected. The number of the carriage and the number of the seat are displayed underneath the image. |
|  |  |  | 6. Tap the “Proceed” button. | The next page is displayed. The numbers of the selected seat are displayed on top. |

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| **Test Case ID** | **Title** | **Preconditions** | **Steps** | **Expected result** |
| 3.00 | Pay for the ticket using a credit card. | Journey and seat selected. Environment: Android 10+ | 1. On the payment page, select the radio button for the “Credit Card” option. | The radio button changes colour, indicating it’s selected. A new section is opened with fields for the card details. |
|  |  |  | 2. Insert valid data in the “Credit card number” field. | The field is populated with the corresponding data. |
|  |  |  | 3. Insert valid data in the “Validity” field. | The field is populated with the corresponding data. The “Pay Now” button changes colour and becomes active. |
|  |  |  | 4. Tap the “Pay now” button. | The confirmation message “Payment successful. You will receive a confirmation e-mail” is displayed. |

**Beet Sprout**

**2.**

WBS:

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| **Test Case** | **Step** | **Estimated duration (seconds)** |
| 1.00 Select the desired station of departure | 1. On the home page, tap on the “Departure station” field. | 1 second |
|  | 2. Start typing the name of the station. | 5 seconds |
|  | 3. Tap on the name of the desired station in the dropdown list. | 5 seconds |
| 2.00 Select a seat | 1. On the home page, select a departure station, an arrival station and a date. | 30 seconds |
|  | 2. Tap the “Search” button. | 1 second |
|  | 3. Tap the radio button of the desired travel time. | 30 seconds |
|  | 4. Click on the button “Proceed”. | 1 second |
|  | 5. Tap the desired empty seat. | 30 seconds |
|  | 6. Tap the “Proceed” button. | 1 second |
| 3.0 Pay for the ticket using a credit card. | 1. On the payment page, select the radio button for the “Credit Card” option. | 1 second |
|  | 2. Insert valid data in the “Credit card number” field. | 60 seconds |
|  | 3. Insert valid data in the “Validity” field. | 10 seconds |
|  | 4. Tap the “Pay now” button. | 1 second |
|  | Total: | 176 seconds (~3 minutes) |

Three-point estimate:

E = (a + m + b) / 3

E = (2 minutes + 3 minutes + 5 minutes) / 3 = 3,33 minutes