|  |  |
| --- | --- |
| Use Case Name | One-way train ticket request |
| Brief Description | In this use case, the user can choose his/her one-way ticket after entering the basic information. |
| Preconditions | The user must be connected to the network.  The user required a browser. |
| Postcondition | Display the origin, destination, date and number of passengers fields. |
| Failure Situations | Internet is disconnected, the required fields are not filled, the user is recognized as a robot. |
| Postcondition in case of failure | The request will not be sent to the National Railway System and the appropriate error will be displayed*.* |
| Actors | User 🡪 (human, primary, active)  National Railway System 🡪 (non-Human, secondary, passive)  Site system 🡪 (non-human, secondary, passive*)* |
| Trigger | Does not have |

|  |  |
| --- | --- |
| Main Success Scenario | 1. Select origin and destination. 2. Choose your desirable date. 3. Choose the number of passengers. 4. Choose the passengers’ age. 5. The request to display the trains with the specified information is sent to the national railway system and the list of trains is returned as an answer. |
| Extensions/Variations | 1. The origin and destination are the same or their fields are empty.    1. An appropriate error massage will be displayed.    2. The first step will be executed again. 2. The date is not entered or the entered date is invalid.    1. An appropriate error massage will be displayed.    2. The second step will be executed again. 3. The number of passengers is less than one person.    1. An appropriate error massage will be displayed.    2. The third step will be executed again. 4. The answer returned from the national railway system is invalid or the railway system has encountered a problem.    1. An appropriate error massage will be displayed.    2. It will be executed again from the first step. |