

# Project requirements

**SevenWonders** is a modern website for tourist firm with attractive additional features. This system should fulfill the following requirements:

## • User Stories

1. As **Customer** I want to **search tours** using different parameters so that I can easily find the tours I am interested in.

Acceptance Criteria:

- I am authorized as a Customer.
- I am able to fill all the fields I need (departure/arrival place, departure/arrival time, hotel to stay in, quantity of persons I am travelling with, additional options like food).
- The data I entered is properly validated.
- I can see the list of available tours that can be sorted and filtered.
- The results of search meet all my requirements.
- In case no tours are found I can see a message advising me to change some of the parameters.

2. As **Customer** I want to **view feedbacks on hotels** so that I can know the experience of travelers who already stayed at these hotels.

Acceptance Criteria:

- I am authorized as a Customer.
- I search tours using different parameters and see the list of found tours.
- On each tour of the resulting list I can see 3 buttons: View hotel details, View flight details and View feedbacks.
- I can click on View feedbacks button and see the feedbacks left by customers that have visited this hotel.

3. As **Customer** I want to **book a tour** so that I can then pay for it and enjoy my trip.

Acceptance Criteria:

- I am authorized as a Customer.
- I search tours using different parameters and see the list of found tours.
- Next to each tour of the resulting list I can see the 'Book' button.
- I can click on 'Book' button to book a tour and confirm my booking on the confirmation dialog, and after that it can be seen in my Cabinet.

4. As **Customer** I want to **view my personal info** so that I can see the information I entered during registering an account.

Acceptance Criteria:

- I am authorized as a Customer.
- I click 'My Cabinet' logo on the top right of the megamenu and enter my cabinet.
- I can see 'My Personal Info' tab.
- I can click 'My Personal Info' tab and view my personal info.

5. As **Customer** I want to **edit my personal info** so that I can update the information I entered during registering an account.

Acceptance Criteria:

- I am authorized as a Customer.
- I enter my cabinet and choose the 'My Personal Info' tab.
- I see my personal info and 'Edit' button.
- I can click on 'Edit' button and edit my personal info.
- I can click 'Save' button and have my changes saved.

6. As **Customer** I want to **view my booked tours** so that I can either pay for them or cancel them.

Acceptance Criteria:

- I am authorized as a Customer.
- I enter my cabinet and see 'Booked Tours' tab.
- I can click the 'Booked Tours' and see the list of tours I have booked.

7. As **Customer** I want to **pay for a tour** so that I can finish the booking process and get my tickets.

Acceptance Criteria:

- I am authorized as a Customer.
- I enter my cabinet and click the 'Booked Tours' tab.
- I see list of my booked tours and click the 'Pay' button next to the tour I would like to pay for.
- I choose the option of payment and enter the needed data.
- The payment is completed and I see the confirming message.

8. As **Customer** I want to **cancel a tour** so that I can finish the booking process and get my tickets.

Acceptance Criteria:

- I am authorized as a Customer.
- I enter my cabinet and click the 'Booked Tours' tab.
- I see list of my booked tours and click the 'Cancel' button next to the tour I would like to cancel.
- I accept the confirmation dialog and get the message that the tour is cancelled.
- I do not see the cancelled tour any more in the list of booked tours.

9. As **Customer** I want to **leave a feedback** on a visited hotel so that the other customers can see it.

Acceptance Criteria:

- I am authorized as a Customer.
- I enter my cabinet and click the 'Booked Tours' tab.
- I see list of my booked tours and click the 'Leave a feedback' button next to the visited tour I would like to leave a feedback on.
- I write my feedback and click the 'Submit' button.
- This feedback is visible while viewing feedbacks on this tour.

10. As **Customer** I want to **print tickets for the hotel** so that I don't have to spend extra time printing them on the hotel site.

Acceptance Criteria:

- I am authorized as a Customer.
- I enter my cabinet and click the 'Booked Tours' tab.

- I see list of my tours and click on 'Hotel details' logo on the tour I have payed for.
- I click the 'Print tickets' button and get my tickets printed.

11. As **Customer** I want to **print tickets for the airplane** so that I don't have to spend extra time printing them on the air company site.

Acceptance Criteria:

- I am authorized as a Customer.
- I enter my cabinet and click the 'Booked Tours' tab.
- I see list of my tours and click on 'Flight details' logo on the tour I have payed for.
- I click the 'Print tickets' button and get my tickets printed.

12. As **Customer** I want to **contact a manager** so that they can ask my question.

Acceptance Criteria:

- I am authorized as a Customer.
- I click the 'Help' button and see a chat window opened.
- I can enter my message in the char.
- A manager who is online can see my message.

13. As **Manager** I want to **add flights** so that new flights can be included into tours.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Flights' button and see the list of available flights.
- I click the 'Add flight' button and enter the information about the flight I want to add.
- I click the 'Save' button and a new flight is added.
- I can see the new flight in the list of available flights.

14. As **Manager** I want to **edit flights** so that the information about flights can be updated.

Acceptance Criteria:

- I am authorized as a Manager.

- I click the 'Flights' button and see the list of available flights.
- I click the 'Edit' button on the flight I want to edit and enter the information I want to change.
- I click the 'Save' button and the flight is updated.
- I can see the modified flight in the list of available flights.

15. As **Manager** I want to **delete flights** so that the flights that are no more available can be deleted.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Flights' button and see the list of available flights.
- I click the 'Delete' button on the flight I want to delete.
- I accept the confirmation dialog.
- I do not see the deleted flight in the list of available flights.

16. As **Manager** I want to **edit schedule** so that the schedule of flights can be updated.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Flights' button and see the list of available flights.
- I click the 'Schedule' button on the flight and edit the schedule.
- My changes are saved.

17. As **Manager** I want to **add airports** so that new airports can be included into tours.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Airports' button and see the list of available airports.
- I click the 'Add airport' button and enter the information about the airport I want to add.
- I click the 'Save' button and a new airport is added.
- I can see the new airport in the list of available airports.

18. As **Manager** I want to **edit airports** so that the information about airports can be updated.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Airports' button and see the list of available airports.
- I click the 'Edit' button on the airport I want to edit and enter the information I want to change.
- I click the 'Save' button and the airport is updated.
- I can see the modified airport in the list of available airports.

19. As **Manager** I want to **delete airports** so that the airports that are no more available can be deleted.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Airports' button and see the list of available airports.
- I click the 'Delete' button on the airport I want to delete.
- I accept the confirmation dialog.
- I do not see the deleted airport in the list of available airports.

20. As **Manager** I want to **add hotels** so that new hotels can be included into tours.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Hotels' button and see the list of available hotels.
- I click the 'Add hotel' button and enter the information about the hotel I want to add.
- I click the 'Save' button and a new hotel is added.
- I can see the new hotel in the list of available hotels.

21. As **Manager** I want to **edit hotels** so that the information about hotels can be updated.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Hotels' button and see the list of available hotels.

- I click the 'Edit' button on the hotel I want to edit and enter the information I want to change.
- I click the 'Save' button and the hotel is updated.
- I can see the modified hotel in the list of available hotels.

22. As **Manager** I want to **delete hotels** so that the hotels that are no more available can be deleted.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Hotels' button and see the list of available hotels.
- I click the 'Delete' button on the hotel I want to delete.
- I accept the confirmation dialog.
- I do not see the deleted hotel in the list of available hotels.

23. As **Manager** I want to **add rooms** so that new rooms can be added to hotels.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Hotels' button and see the list of available hotels.
- I click the 'Rooms' button on the hotel I want to add a room to and see the list of available rooms.
- I click the 'Add room' button and enter the information about the room I want to add.
- I click the 'Save' button and a new room is added.
- I can see the new room in the list of available rooms for the hotel.

24. As **Manager** I want to **edit rooms** so that the information about the rooms available for the hotel can be updated.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Hotels' button and see the list of available hotels.
- I click the 'Rooms' button on the hotel I want to edit a room to and see the list of available rooms.
- I click the 'Edit' button on the room I want to edit and enter the information I want to update.

- I click the 'Save' button and a room is updated.
- I can see the updated room in the list of available rooms for the hotel.

25. As **Manager** I want to **delete rooms** so that the rooms that are no more available can be deleted.

Acceptance Criteria:

- I am authorized as a Manager.
- I click the 'Hotels' button and see the list of available hotels.
- I click the 'Rooms' button on the hotel I want to delete a room from and see the list of available rooms.
- I click the 'Delete' button on the room I want to delete and enter the information I want to update.
- I accept the confirmation dialog and see the message that the room is deleted.
- I do not see the deleted room any more in the list of available rooms for the hotel.

26. As **Manager** I want to **chat with a customer** so that I can answer their question if needed.

Acceptance Criteria:

- I am authorized as a Manager.
- I can see a notification when a customer is trying to contact a manager.
- I can click the notification and a chat window is opened.
- I can send a message in the chat and the customer can see it.

27. As **Manager** I want to **edit booked tours** so that I can update the information about tours I am responsible for.

Acceptance Criteria:

- I am authorized as a Manager.
- I enter 'Tours' tab on megamenu and see the list of tours I am responsible for.
- I can edit the tours and see my changes are saved.

28. As **Manager** I want to **delete booked tours** so that I can delete the tour that are no more actual.



Acceptance Criteria:

- I am authorized as a Manager.
- I enter 'Tours' tab on megamenu and see the list of tours I am responsible for.
- I can delete the tour and it is no more displayed in the list.

29. As **Manager, Administrator** I want to **add cities** so that new city can be available in tours.

Acceptance Criteria:

- I am authorized as Manager, Administrator.
- I open the 'Cities' menu item and see the list of available cities.
- I can add the new city to the list

30. As **Manager, Administrator** I want to **edit cities** so that information about a city can be updated.

Acceptance Criteria:

- I am authorized as Manager, Administrator.
- I open the 'Cities' menu item and see the list of available cities.
- I can update a city from the list and see the changes are saved.

31. As **Manager, Administrator** I want to **delete cities** so that cities that are no more available can be deleted.

Acceptance Criteria:

- I am authorized as an Manager, Administrator
- I open the 'Cities' menu item and see the list of available cities.
- I can delete a city from the list and see it is no more in the list.

32. As **Administrator** I want to **add countries** so that new country can be available in tours.

Acceptance Criteria:

- I am authorized as an Administrator.
- I open the 'Countries' menu item and see the list of available countries.

- I can add the new country to the list

33. As **Administrator** I want to **edit countries** so that information about a country can be updated.

Acceptance Criteria:

- I am authorized as an Administrator.
- I open the 'Countries' menu item and see the list of available countries.
- I can update a country from the list and see the changes are saved.

34. As **Administrator** I want to **delete countries** so that countries that are no more available can be deleted.

Acceptance Criteria:

- I am authorized as an Administrator.
- I open the 'Countries' menu item and see the list of available countries.
- I can delete a country from the list and see it is no more in the list.

35. As **Administrator** I want to **add managers** so that new managers can start working with the site.

Acceptance Criteria:

- I am authorized as an Administrator.
- I open the 'Managers' menu item and see the list of available managers.
- I can add the new manager to the list

36. As **Administrator** I want to **edit managers** so that information about a managers can be updated.

Acceptance Criteria:

- I am authorized as an Administrator.
- I open the 'Managers' menu item and see the list of available managers.
- I can update a manager from the list and see the changes are saved.

37. As **Administrator** I want to **delete managers** so that managers that don't work any more can be deleted.

Acceptance Criteria:

- I am authorized as an Administrator.
- I open the 'Managers' menu item and see the list of available managers.
- I can delete a manager from the list and see they are no more in the list.

38. As **Administrator** I want to **view customers** so that I can see the list of registered customers.

Acceptance Criteria:

- I am authorized as an Administrator.
- I open the 'Customers' menu item and see the list of registered customers.

39. As **Administrator** I want to **block customers** so that I a customer that behaves inappropriately can be blocked.

Acceptance Criteria:

- I am authorized as an Administrator.
- I open the 'Customers' menu item and see the list of registered customers.
- I can block the customer that is no more able to login.

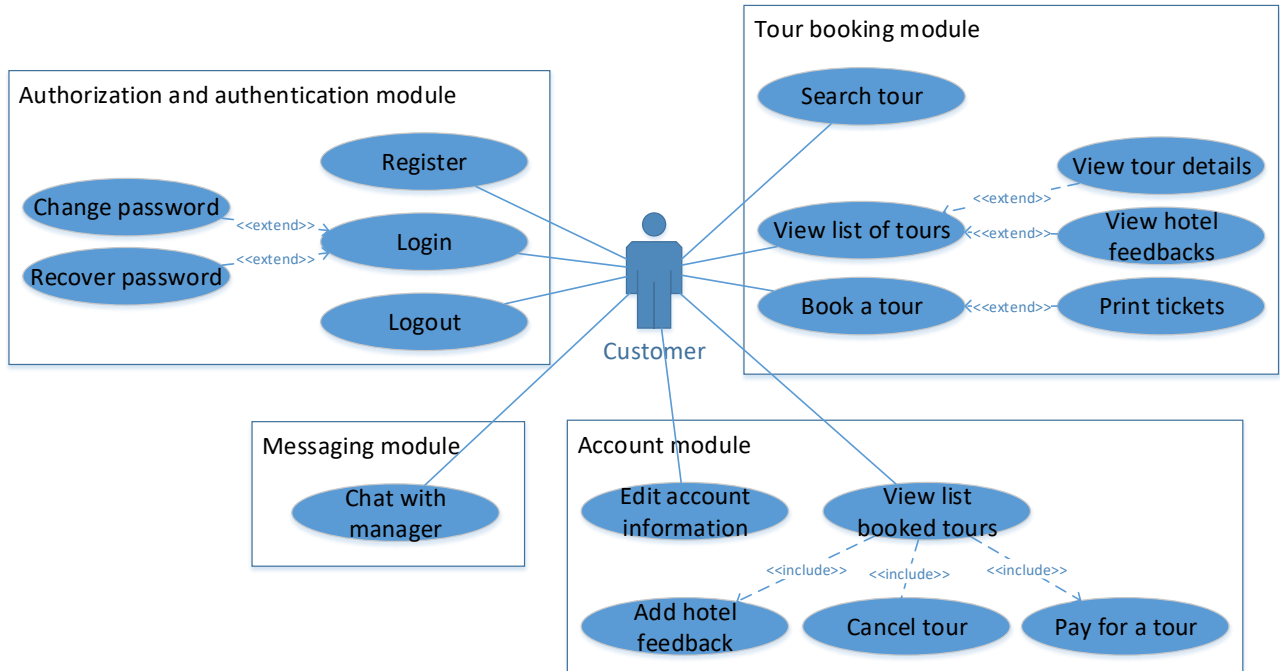
40. As **Administrator** I want to **view tour statistics** so that I can have information about the most and the least popular tours.

Acceptance Criteria:

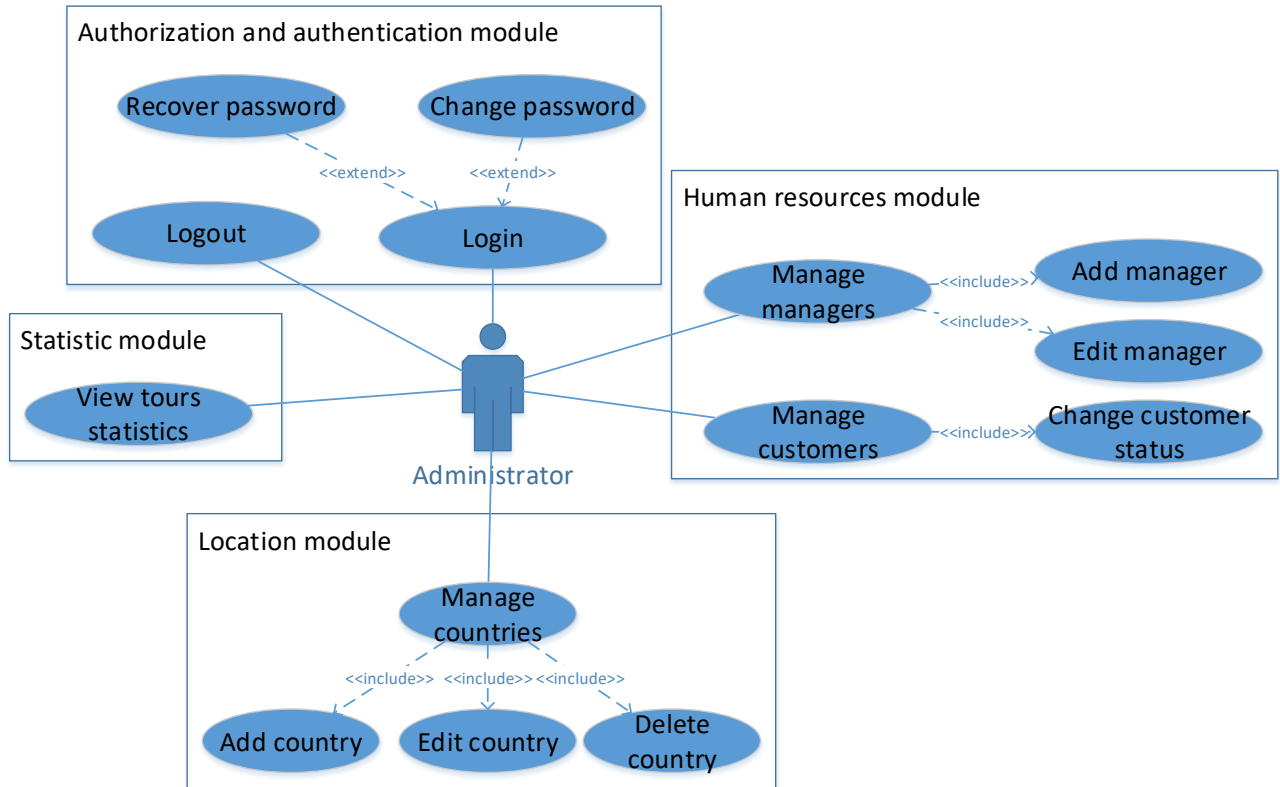
- I am authorized as an Administrator.
- I open the 'Statistics' menu item and see the statistic info about the tours.

## • Use case diagrams

### 1. Use case diagram for Customer role.



### 2. Use case diagram for Administrator role.



### 3. Use case diagram for Manager role.

