

## **Practical no: 2**

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**Aim: 1. Consider an online airline reservation system. You may want to check airline Websites to give you ideas.**

- a. List Two actors, explain the relevance of two actors.**
  - b. One use case is to make a flight reservation.**
  - c. Prepare a use case diagram for an online airline reservation system.**
- 2. Design a use case diagram for “Hospital Management System”.**
- 3. Identify at least 10 use cases for the windows explorer. Just list them textually and summarize the purpose of each use case in one or two Sentences.**

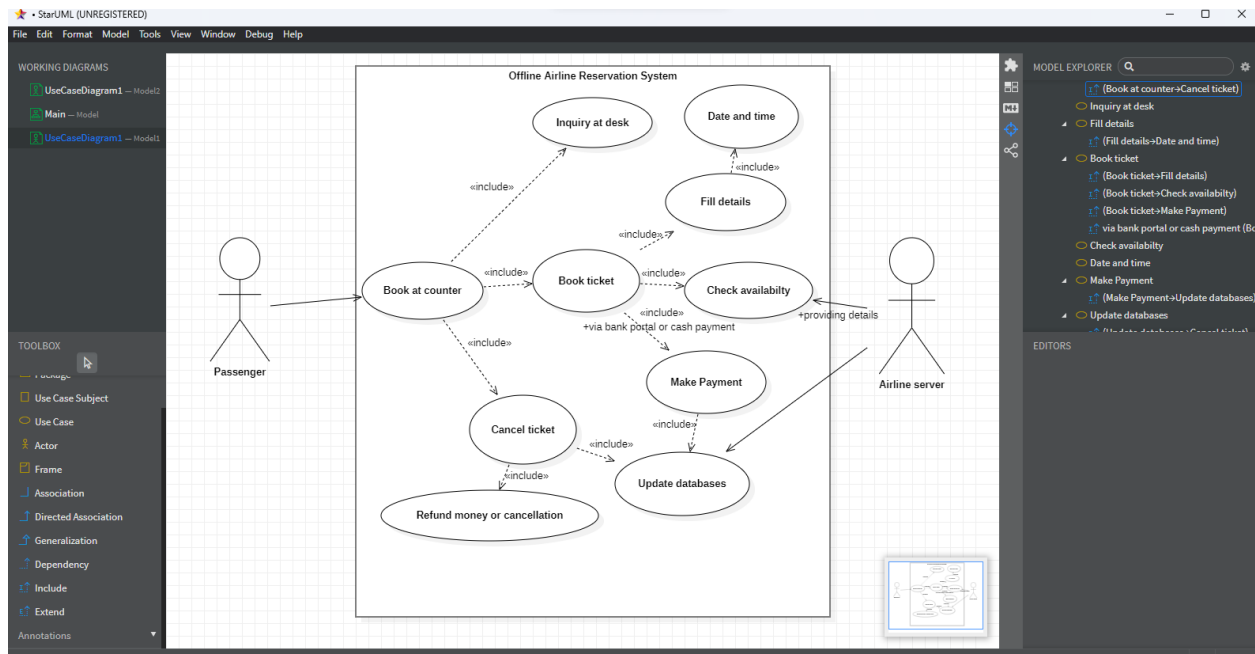
**1.a) List Two actors, explain the relevance of two actors.**

Two actors used in the case of airline reservation system:

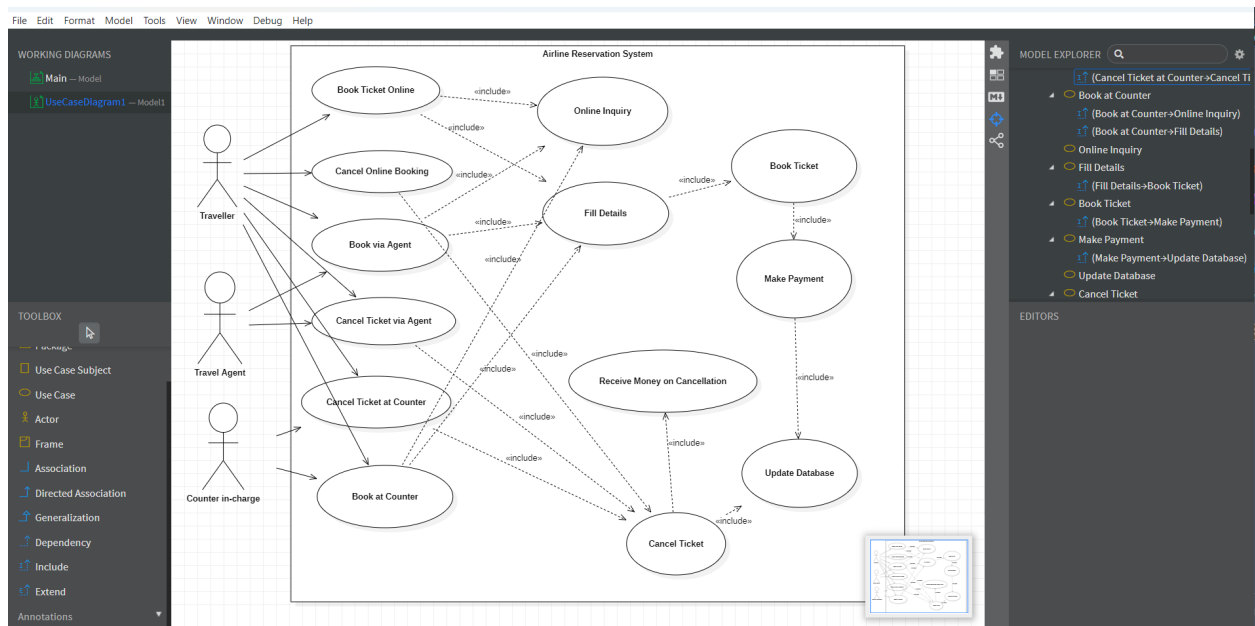
**i)Passengers:**In a use case diagram for an airline reservation system, the role of a passenger includes actions like making reservations, viewing flight information, selecting seats, providing personal information, making payments, checking reservation status, canceling reservations, printing boarding passes, requesting special services, receiving notifications, and providing feedback. The passenger actor is connected to these use cases to represent their interactions with the system.

**ii)Airline Server:** In a use case diagram for an airline reservation system, the role of an airline server involves processing reservations, managing flight information, handling payments, sending notifications, supporting special requests, administering user accounts, generating boarding passes, processing cancellations and refunds, logging system activities, providing data to reporting systems, and interacting with external systems like global distribution systems (GDS). The server's functions are critical to the system's operation but are not directly represented as actors in the diagram.

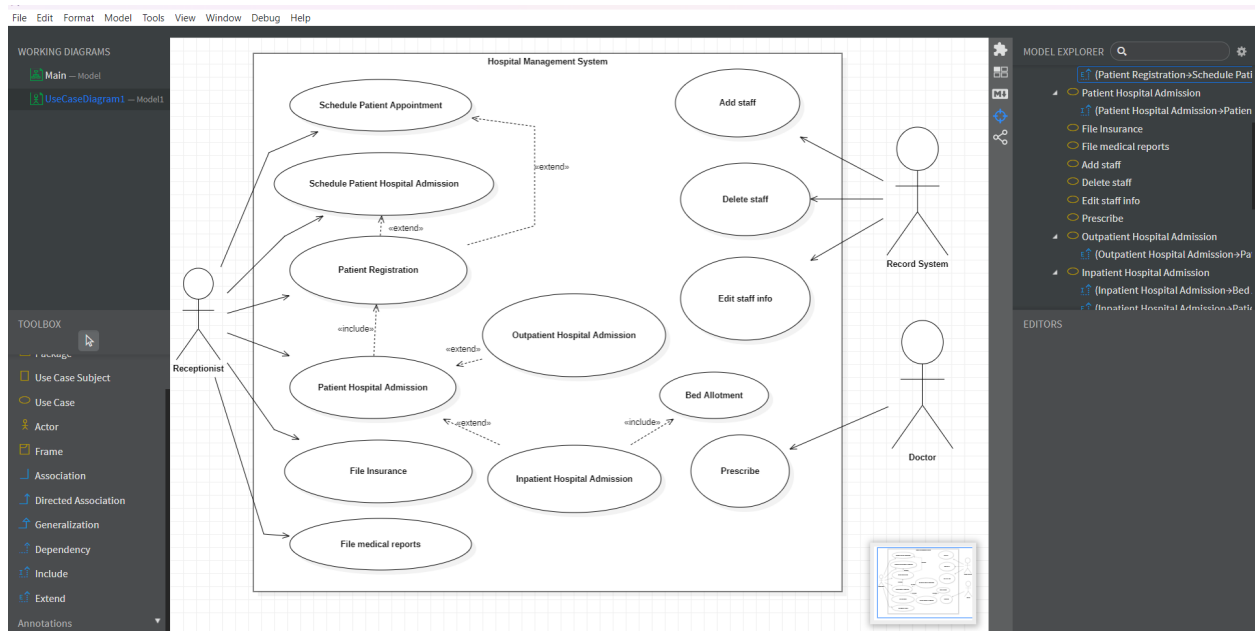
## 1.b) One use case is to make a flight reservation.



## 1.c) Prepare a use case diagram for an online airline reservation system.



## 2. Design a use case diagram for “Hospital Management System”.



## 3. Identify at least 10 use cases for the windows explorer. Just list them textually and summarize the purpose of each use case in one or two sentences.

Certainly, here are 10 use cases for Windows Explorer with brief summaries:

1. **File Navigation:** Browse and locate files and folders on your computer's storage drives.
2. **File Management:** Copy, move, rename, and delete files and folders for organization and cleanup.
3. **Search:** Quickly search for specific files or folders using keywords.
4. **File Preview:** Preview the contents of files (e.g., documents, images) without opening them.
5. **File Properties:** View and edit file attributes, such as name, size, date, and permissions.
6. **File Compression/Extraction:** Create or open compressed files (ZIP, RAR) and extract their contents.

7. Drive Management: Access and manage different storage drives like internal, external, and network drives.

8. Shortcut Creation: Create shortcuts to frequently used files or folders for easy access.

9. File Sorting and Filtering: Organize files by sorting them by various criteria (e.g., name, date, type) and apply filters for specific views.

10. File Sharing: Share files or folders with other users or devices on a network, controlling access and permissions.

These use cases highlight the versatile functionality of Windows Explorer for file and folder management on Windows operating systems.