UC Name	SR-1: Report Generation Tool
Summary	The system provides an interface for admins to generate financial reports for various timeframes.
Dependency	None
Actors	Admin
Preconditions	Admin is logged into the system.
Description of the Main Sequence	- Admin accesses the reporting section in the admin dashboard. - The interface displays options to select the desired reporting timeframe (e.g., daily, weekly, monthly, custom date range). - Admin selects the timeframe and any additional filter options (if applicable). - The system generates a report based on the selected criteria. - Admin can view the report within the interface.
Description of the Alternative Sequence	N/A
Non functional requirements	The interface should be user-friendly and easy to navigate for admins. Report generation should be efficient and produce results within a reasonable timeframe. The system should be secure and restrict access to financial reports to authorized admins.
Postconditions	Admin has access to a financial report for the chosen timeframe, enabling analysis of the app's performance.

UC Name	SR-2: Revenue Analysis
Summary	*The system generates financial reports that include specific financial metrics.*
Dependency	*SR-1 (Financial Reporting Tool)*
Actors	*System*
Preconditions	*Admin has generated a financial report (using SR-1).*
Description of the Main Sequence	*The system retrieves relevant financial data from the database.* *The system aggregates data based on the selected timeframe in the report (SR-1).* *The report includes the following financial metrics:* *Total number of bookings* *Total number of cancellations* *Revenue generated from rentals* *Revenue generated from fees (e.g., platform fees, service charges)*
Description of the Alternative Sequence	*N/A*
Non functional requirements	*Financial data calculations should be accurate and reliable. The report should clearly present each metric with proper labels and units.*
Postconditions	*The financial report provides admins with key financial insights into the app's performance.*

UC Name	SR-3: User Activity and Booking Trends
Summary	The system generates financial reports that include user activity and booking trends.
Dependency	SR-1 (Financial Reporting Tool)
Actors	System
Preconditions	Admin has generated a financial report (using SR-1).
Description of the Main Sequence	- The system retrieves relevant user activity and booking data from the database. - The system aggregates data based on the selected timeframe in the report (SR-1). - The report includes the following user activity and booking trends: - Number of new user registrations per period - User demographics (if applicable and privacy regulations are followed) - Booking frequency by users - Popular booking dates and times - Cancellation rates
Description of the Alternative Sequence	N/A
Non functional requirements	User data should be anonymized or aggregated to comply with privacy regulations. The report should present user activity and booking trends in a clear and understandable format (e.g., charts, graphs).
Postconditions	The financial report provides admins with insights into user behavior and booking patterns, enabling informed decisionmaking.

UC Name	SR-4: Geographic Distribution Analysis
Summary	The system generates reports that provide insights into the geographic distribution of listings and bookings.
Dependency	SR-1 (Financial Reporting Tool)
Actors	System
Preconditions	Admin has generated a financial report (using SR-1).
Description of the Main Sequence	- Admins select geographic parameters (e.g., regions, countries) to analyze. - The system aggregates booking data based on the specified geographic criteria. - Admins review the geographic distribution report, which may include maps, charts, or tables illustrating booking patterns.
Description of the Alternative Sequence	N/A
Non functional requirements	Location data should be accurate and respect user privacy settings. The report should present geographic data visually (e.g., maps) when appropriate.
Postconditions	The financial report provides admins with a geographical understanding of the app's user base and listing distribution, allowing for targeted marketing strategies.

UC Name	SR-5: Report Download and Sharing
Summary	The system allows admins to download and share reports.
Dependency	SR-1 (Financial Reporting Tool)
Actors	Admin
Preconditions	Admin has generated a report (using SR-1).
Description of the Main Sequence	● Admin views the generated financial report. ● The interface provides
Description of the Alternative Sequence	N/A
Non functional requirements	N/A
Postconditions	N/A