**Extra Functionality – “Show All Available Seats”**

**Description**

The original brief did not include a dedicated option for quickly listing every free seat.

To improve user efficiency, the system now provides menu option 5 “Show ALL available seats”.

• It traverses seat\_map and prints only seats whose status == "F".

• Output includes total count + comma-separated seat codes, e.g. “A total of 135 seats are free: 1A, 1B, …”

**Benefits**

• Users (or agents) can instantly know remaining capacity.

• Faster group booking decisions; no need to eyeball the full map.

**Activity-Diagram Update**

The branch “User choice = 5 → List all seats with status ‘F’ → Return menu” is added (see Activity\_Diagram.png v2). The rest of the flow remains unchanged.