Phase 4: Process Automation

Objective

The primary goal of this phase was to automate key business processes within the "Make Parking Easier" application. By implementing automated logic, we significantly improve data integrity, reduce the need for manual user input, and ensure a more efficient and error-free workflow.
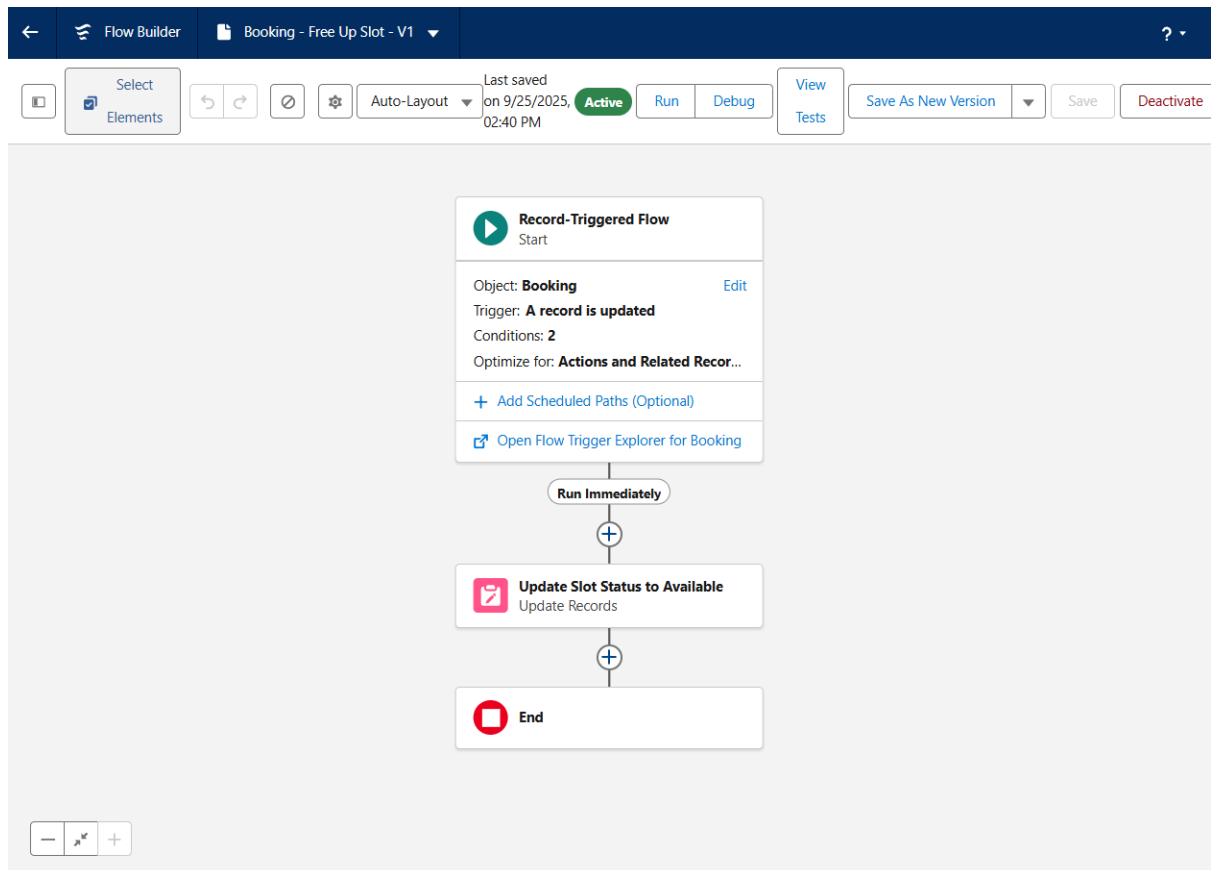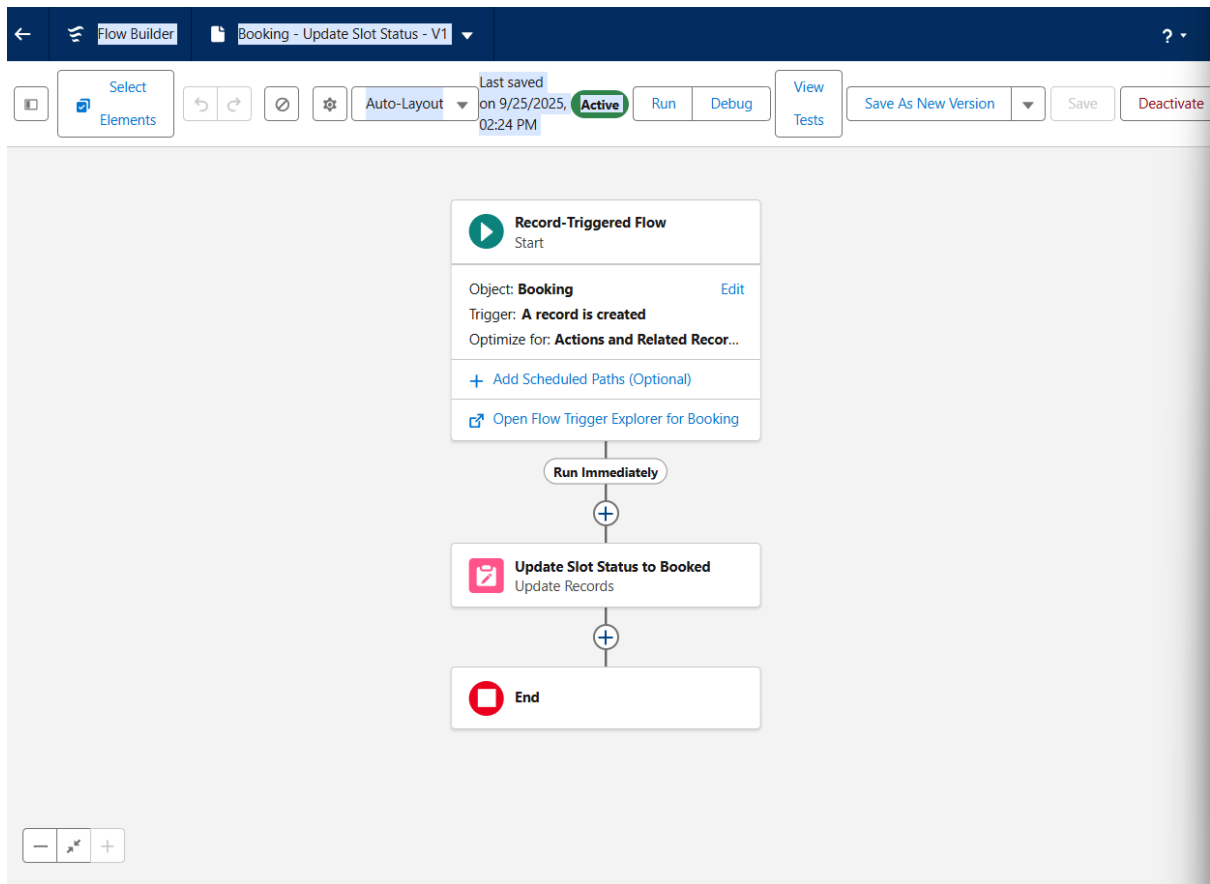
Key Automation Activities

1. Validation Rules To maintain high data quality, validation rules were implemented. A critical example was created on the Booking object to prevent users from creating a booking where the 'End Time' is earlier than the 'Start Time'. This simple but essential validation ensures all booking records are logical and accu

2. Flow Automation A record-triggered flow was built to handle status updates automatically. When a booking's status changes, the flow automatically finds the related Parking Slot and updates its status accordingly (e.g., to "Occupied" or "Available"). This automation is crucial for ensuring that the real-time availability of parking slots is always accurate and synchronized with active bookings.

Conclusion

Phase 4 successfully introduced intelligent automation into the application. By proactively validating user input and automating core business logic with flows, the system is now more