



Stripe Payment Integration - Test Plan

Goal

Integrate Stripe so users can pay by credit card for bookings, seat upgrades, and baggage add-ons. **Refunds are out of scope for this sprint**; the admin team will process any refunds manually.

Entry

Testing can begin as soon as there's a testable feature, specifically, a full customer flow that supports at least a happy path test.

Definition of Done

All test cases in this plan have been executed and regression testing has been run. Any bugs found can be deferred, depending on the team's decision or agreement.

Test Cases

Scenario	Expected
As a user, I should be able to pay for a flight using valid card details	Payment succeeds
As a user, I should be able to pay for a seat upgrade using valid card details	Payment succeeds
As a user, I should be able to pay for a baggage add-on using valid card details	Payment succeeds
As a user, I should see an error if my card is declined	Error message is shown, payment does not go through
As a user, I should see an error if my card details are invalid (expired, wrong CVV)	Error message is shown, payment does not go through
As a user, I should be charged the exact amount shown at checkout	Card is charged the exact amount displayed

As a user, I should not be able to purchase an add-on I already own (seat upgrade already purchased for that flight)	User is blocked from purchasing again, no duplicate charge
As a user, I should see a success screen upon successful purchase	Success screen is displayed
As a user, I should get an email confirmation about the purchase	Confirmation email is sent
As a system, I should save the payment transaction record correctly	Transaction record is saved with correct details (amount, status, timestamp, etc.)