Actors: Initiated by Passenger

Conditions: Passenger, video, seat

Pre-conditions: Passenger has not booked

Post-conditions: Passenger receives

Exceptions:

1. User selects PPV
2. Payment received
3. System checks channel available
4. System confirms payment
5. User receives Payment
6. User requests Wilde
7. System selects Wilde
8. System selects Wilde
9. System selects Wilde
10. System selects Wilde
11. System selects Wilde
12. System selects Wilde

Paypal

Preconditions: Passenger, Wilde

Post-conditions: Passenger receives Wilde

Exceptions:

1. Payment not received
2. Payment not accepted
3. Payment not verified
4. Payment not processed
5. Payment not completed
6. Payment not authorized
7. Payment not confirmed
8. Payment not approved
9. Payment not received
10. Payment not accepted
11. Payment not processed
12. Payment not completed
13. Payment not authorized
14. Payment not confirmed
15. Payment not approved
16. Payment not received
17. Payment not accepted
18. Payment not processed
19. Payment not completed
20. Payment not authorized
21. Payment not confirmed
22. Payment not approved
23. Payment not received
24. Payment not accepted
25. Payment not processed
26. Payment not completed
27. Payment not authorized
28. Payment not confirmed
29. Payment not approved
30. Payment not received
31. Payment not accepted
32. Payment not processed
33. Payment not completed
34. Payment not authorized
35. Payment not confirmed
36. Payment not approved
Passenger -> PPV -> Ent Ctrl Controller

If not paid

PPV

select

get PPV data

get available shows

showlist

select

get pay

Confirm Payment

show film

display

* controls

* response

Ent OF Movie

* controls include pause, play, stop, FF, rewind
D.

**Functional**

F1. The system shall accept pre-pay orders subject to capacity limits.

F2. The system shall schedule loading of content, subject to determined timing constraints.

F3. The system shall communicate with reservations to get pre-pay data.

F4. The system shall accept payment on board for non pre-pay PPV on board.

F5. The system shall present free content on a pre-determined schedule.

F6. The system shall provide paid content on demand.

F7. The system shall provide a reset feature to be used between flights. (Configurable for continuing passengers?)

F8. The system shall provide controls for pause, play, FF, rewind, and stop.
Usability

01. New users shall use the system properly without instruction.

02. The system shall accommodate users of any nationality, language, including non-readers.

03. The system shall be handicap accessible.
Reliability

R1. In-flight, the system shall operate correctly independently of external communications.

R2. In the event of momentary interruptions, the content shall resume playing where it left off.

R3. The system shall allow interruptions for safety messages, announcements from staff, or other messages.

R4. The system shall not interfere with aviation or other electronics.
Performance

P1. The system shall have capacity to store — hours of content.

P2. The system shall load content at least @ — MB/s.

P3. The system shall be able to deliver different PPV shows at the same time.

P4. The system shall display content at a minimum resolution of —

P5. The system shall display content without any noticeable lag, jitter, or other defects.
Security

S1. The system shall keep all payment info confidential.

S2. The system shall not deliver PPV content w/o proper payment.

Supportability

SP1. The hard drive storage system shall be easily upgradable to a larger size.

SP2. The system shall allow for quick and easy uploading and rescheduling of content.