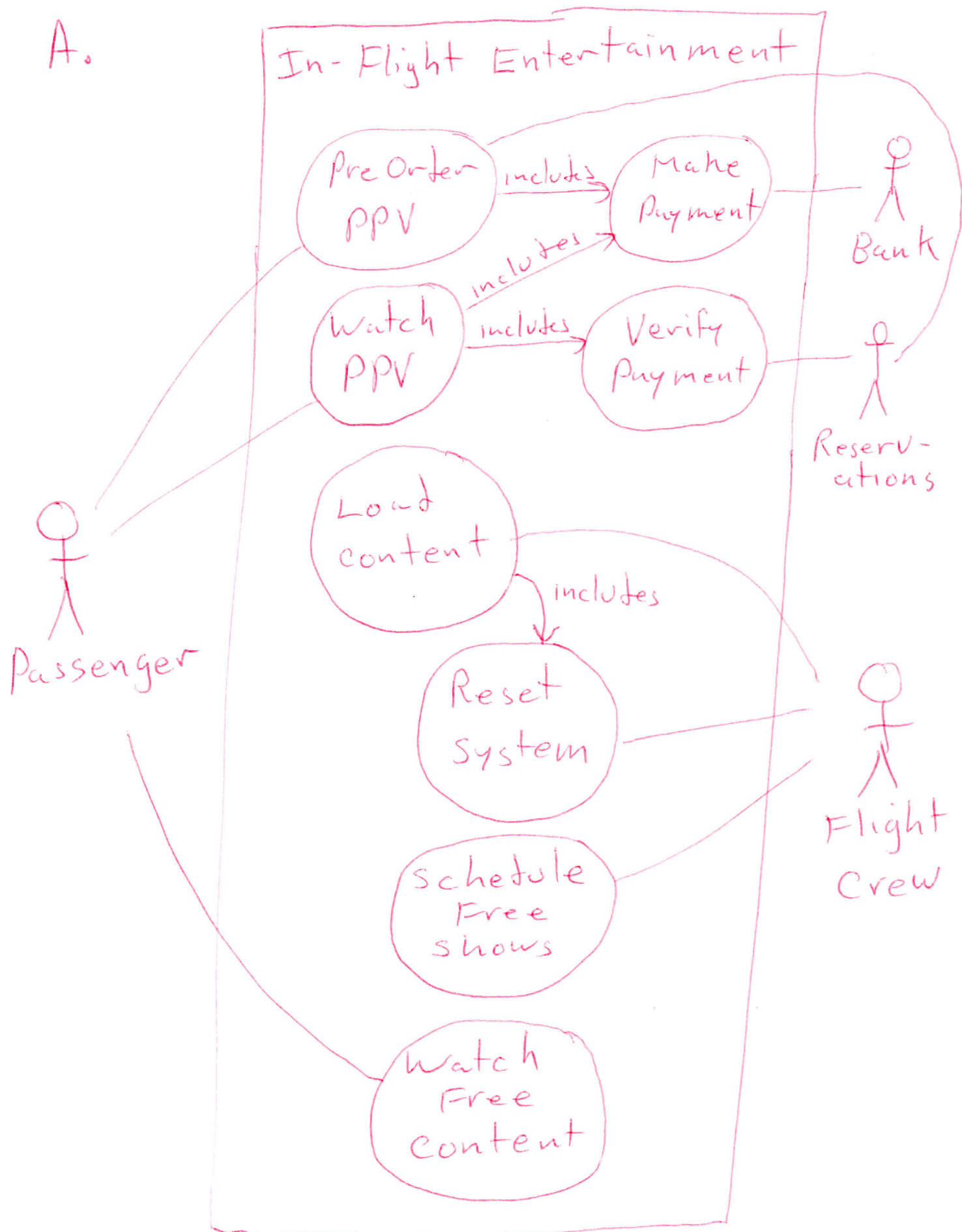


A.



B.

1. User selects PPV channel
2. System shows available shows
3. " checks w reservation system to determine if any are pre-paid for this seat, & marks them

4. User selects show

5. If not pre-paid, system asks for payment.

6. User provides payment. 6.5 System confirms pay with bank

7. System plays back show, providing controls for pause, ff, rew, etc.

pre-condition: PPV content is loaded on board, & entertainment system has access to pre-payment records
passenger/seat.

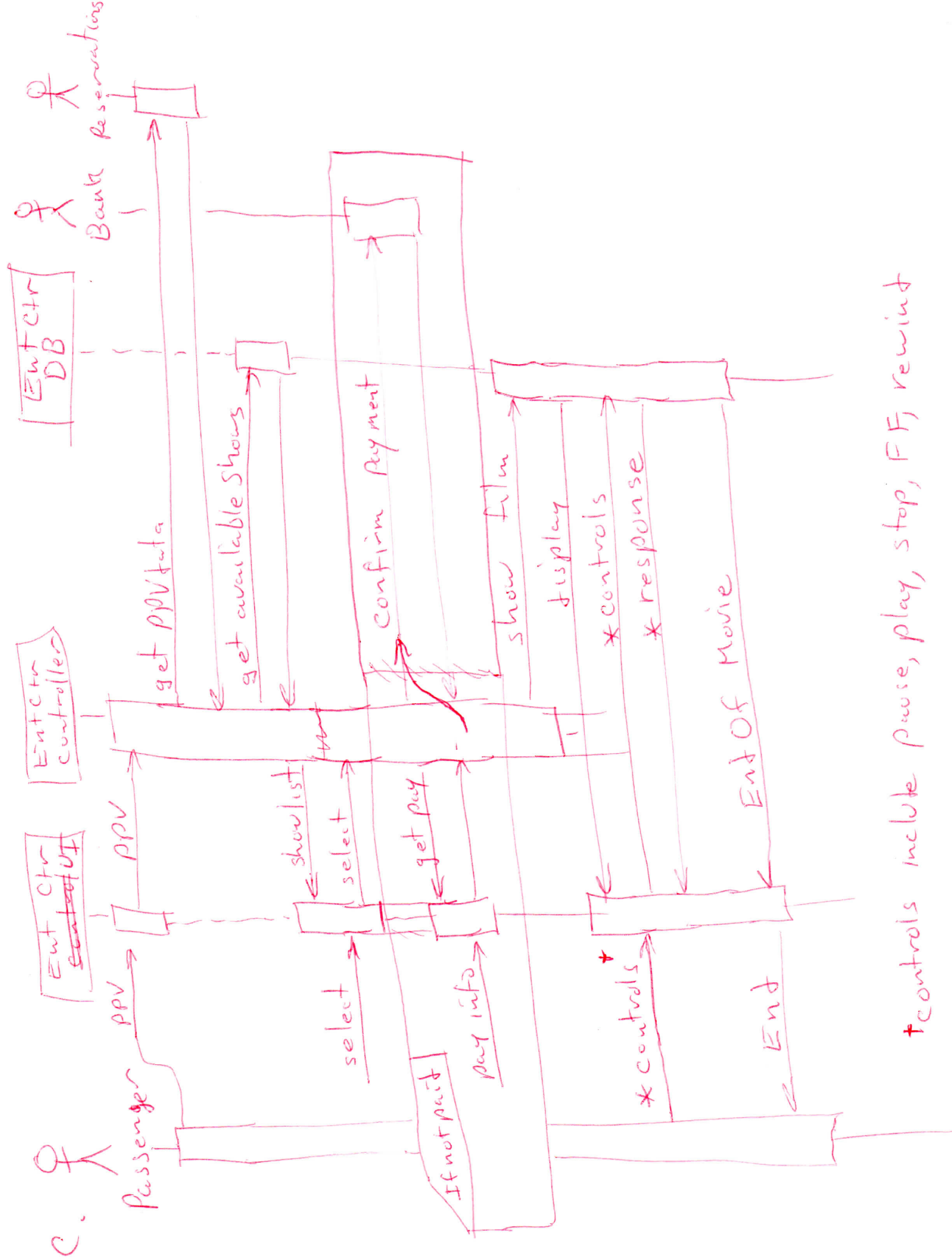
Exceptions:

1. Passenger switches seats.
2. Prepaid movie was not loaded

Post conditions: ~~user~~ passenger has watched video. Payment received.

Actors: Initiated by Passenger

communicates with reservation system
or bank



*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 demanded timing constraints.
- F3. The system shall communicate w reservations to get pre-pay data.
- F4. the system shall accept payment on board for non pre-paid PPV.
- 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

U1. New users shall use the system properly without instruction.

U2. The system shall accommodate users of any nationality ^{or native} language, including non-readers.

U3. The system shall be handicapped 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 or other ~~messages~~ announcements from staff.
- 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 @ 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 noticable 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.