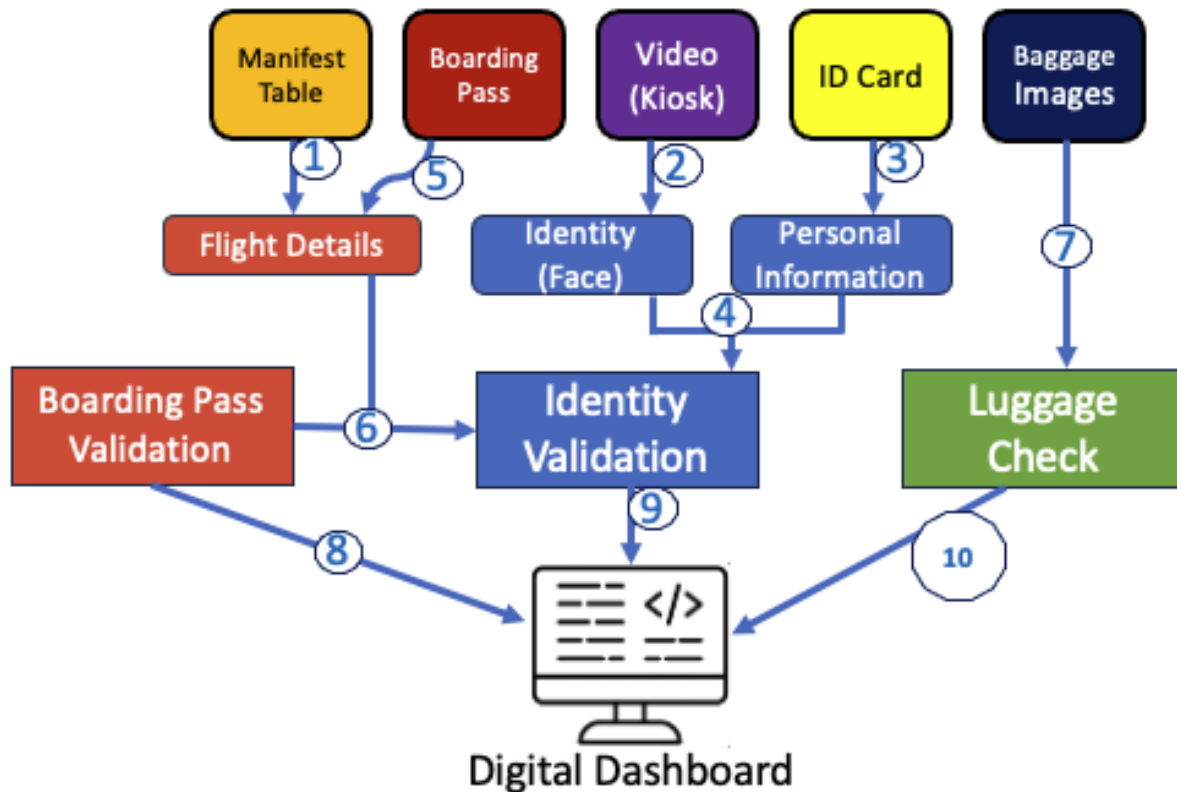


Data Flow Diagram



Data Flow description:

1. The Manifest table has a list of all passengers in the plane, including their personal information and flight details;
2. The video input is used to identify passenger's face;
3. The ID Card is used to setup passenger's identity;
4. The passenger's face from ID is matched with the face from the video (2) during "Identity Validation";
5. The passenger's boarding pass data is matched with flight details;
6. Flight details are checked with Identity validation to check personal information;
7. The passenger's carry-on baggage image is used for "Luggage Check";
8. The boarding pass validation is completed;
9. The identity validation is completed;
10. The luggage check validation is completed;