

Overview of Current Process & Questions
Crew Connect Requirements Assembly

Description: The product shall have an email messenger for mobile communication between crew members.

Rationale: Flight crew do not always have access to a computer, so they need to have an easier, more compact way to communicate efficiently through our mobile application.

Fit Criterion: Email messages will be processed, and carried out through the company's servers.

Description: The product shall notify crew members of weather forecast updates.

Rationale: The crew members are supposed to know the weather of their flight destination so that they may prepare in advance for any imminent changes in weather such as heavy rainfall.

Fit Criterion: Data from the Weather.com API will be used to bring forth weather updates.

Description: The product shall display flight schedules.

Rationale: Flight schedules are displayed so that the crew may see the time, date, and destination of flight assignments.

Fit Criterion: Flight schedules are processed via data from the company's system.

Description: The product shall provide entry capabilities to submit travel changes.

Rationale: Should a situation arise where a flight is delayed for certain reasons, the crew members enter details on the travel change through a flight delay report.

Fit Criterion: The entered travel change is received by the IT department and airline crew and processed through the system servers.

Description: The product shall automate schedule notices.

Rationale: The crew members will be notified of their flight ahead of time so that they may prepare accordingly for their flight assignment.

Fit Criterion: The product will be programmed to notify the crew member through alerts two hours (or whatever duration of time the crew member enters) ahead of time.

Description: The product shall give crew members options for leisure activities near their current airport.

Rationale: While the crew member is not scheduled to be on a flight assignment, they can choose a place of their choice to spend time doing leisure activities.

Fit Criterion: Data from the Yelp API, Google Maps API, and Google Reviews API are processed to show crew members the best, most popular leisure activities near their location.