

ALBATROS

PROBLEM STATEMENT

Problem

The client wants to create a service named Albatros. Albatros is a video-on-demand (VOD) service. VOD is a media service provided to the users over the internet. It includes video content. Albatros uses a subscription model. Subscribers have access to the videos provided by the system anywhere, anytime.

Current System

The company currently uses a manual system based on renting DVDs to its customers. Customers can rent DVDs in two ways: personally, and online. In the first way, a customer personally visits the nearest store and rents a DVD. In the second way, a customer visits the web site of the company search for the titles, and rents the DVD online. Then the company sends the DVD to the customer.

Objectives

- Albatros will be a software platform to provide videos to subscribers 7/24 over the internet.
- Albatros will enable people subscribe to the system, manage their subscription, and end their subscription online.
- Albatros will enable the company employees to upload, manage, and delete video content.
- Albatros will enable the company employees to view and manage the subscriber information.
- Albatros will integrate an artificial intelligence core to create liking profiles of the subscribes and suggest them videos.

Functional Requirements

- Albatros provides media content such as movie, tv show to its subscribers.
- Subscribers see a list of videos.
- Subscribers access videos and watch them.
- Subscribers download specific videos.
- Subscribers add videos to their watchlists.
- Subscribers track the videos they did not wholly watch and continue watching them from where they left.
- Content specialist creates a record for new videos and uploads the video file to Albatros. She releases the video.
- Content specialist removes the video from Albatros.

Nonfunctional Requirements

- Albatros should be accessible over the internet.
- Albatros should be online on 7/24.
- The logo of the Albatros should be placed at the top of the application.

Target Environment

Albatros should be accessible through web browsers. In summary the system should be a web application. Albatros should run on Linux operating systems.