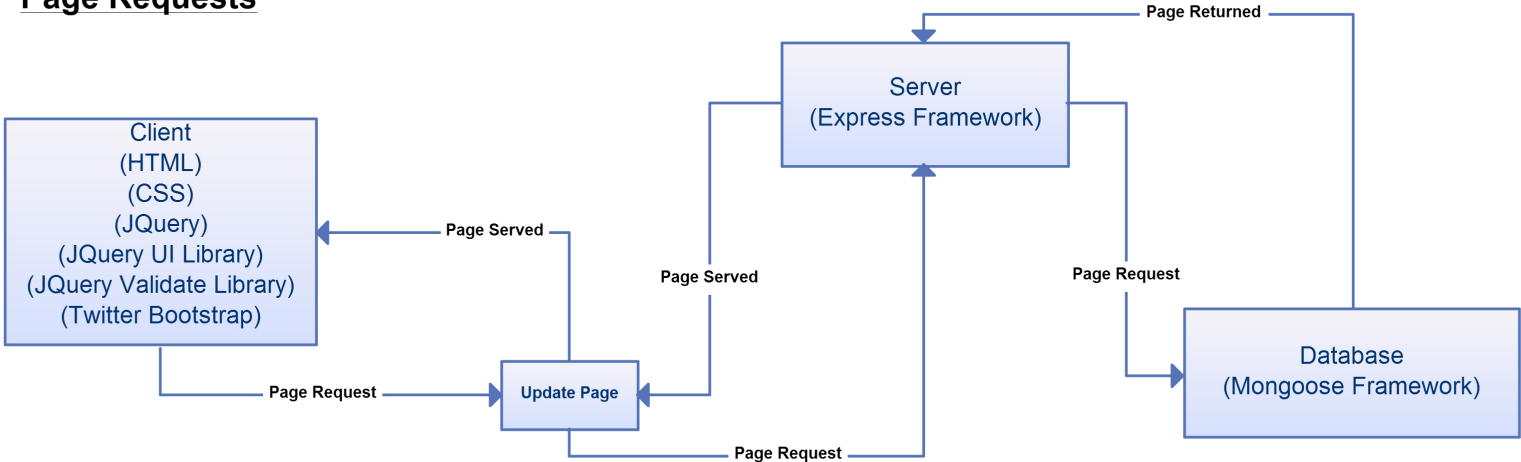
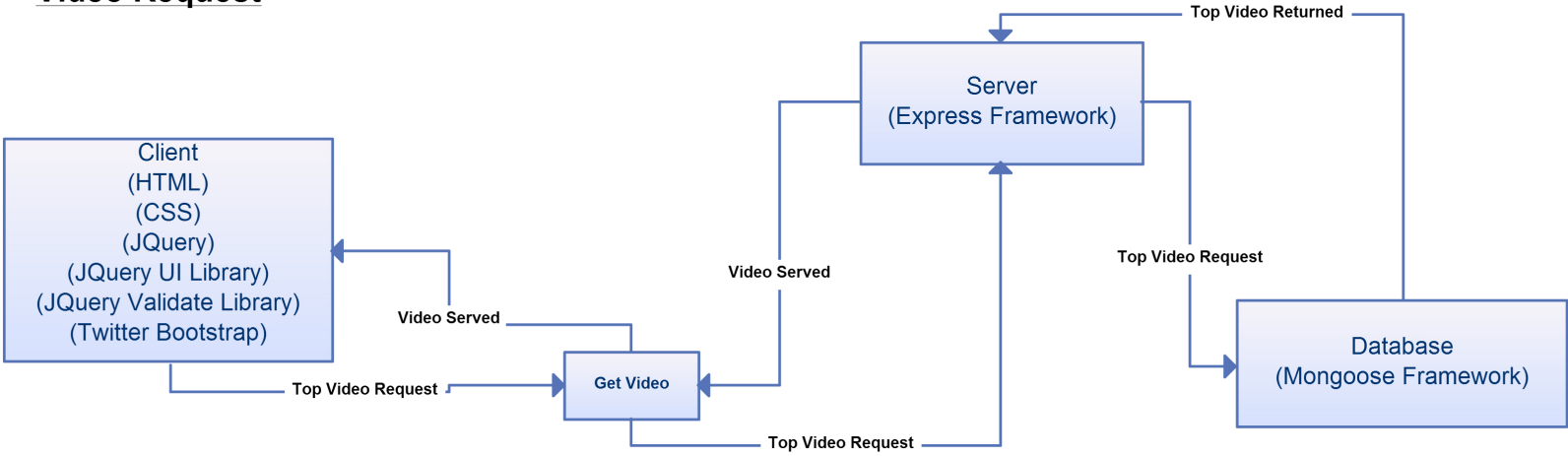


Architecture and Data Flow Diagrams (External Library Use)

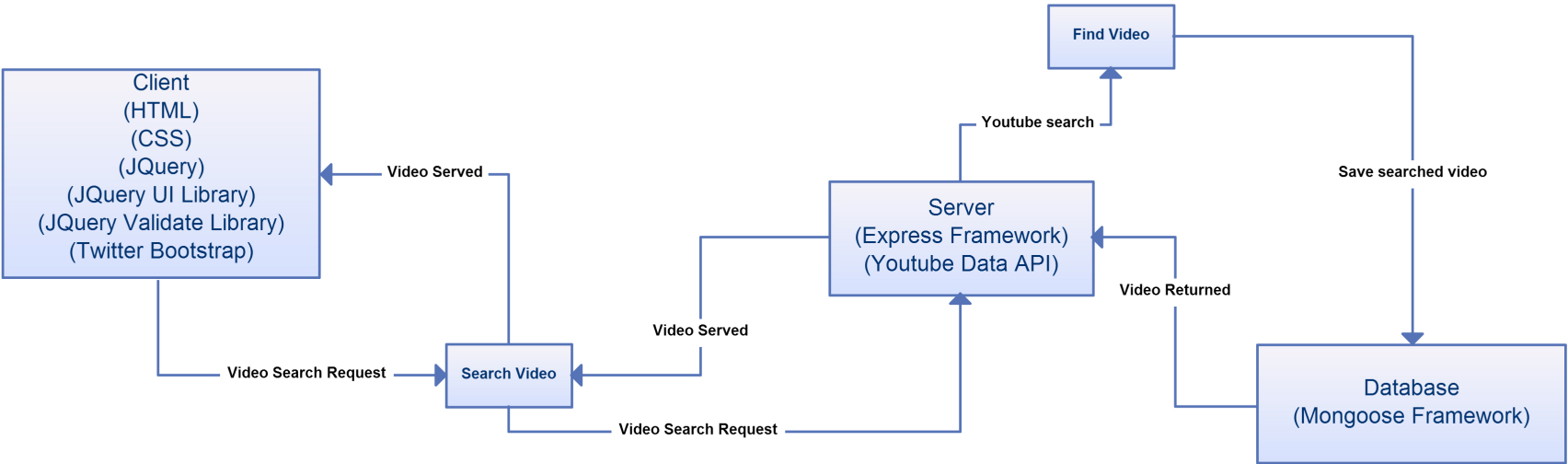
Page Requests



Video Request



Video Search



Database access and retrieval (server and client interaction):

1. Client opens our web-app
2. Client chooses a video or requests a web page
3. Server is going to return a web page or video, in some cases utilizing Youtube Data API to search and return a new video, using Youtube's server as well (because we have embedded videos on our pages)
4. If new video requested, Youtube server chooses an appropriate database server, and downloads the video file, so that the client can watch it (this is because Youtube has more than 1 database server where they store videos. Since videos are stored on different database servers, the Youtube server has to find the appropriate one (we don't have to worry about that because this is done by Youtube))