

VERB VENTURES

DREW NELSON, NATHAN GLOVER, BEN TRAFFANSTEDT, JACOB POHL

Helping really cool kids learn verbs

PROBLEM DEFINITION

- Individuals with learning disabilities and/or language deficits tend to struggle learning verbs
- Currently, the only applications that exist to aid those with these conditions:
 - Are costly
 - Use undesirable teaching methods
 - Sometimes only exist as desktop applications
- Need for a mobile app that is inexpensive and uses certain teaching methods was realized

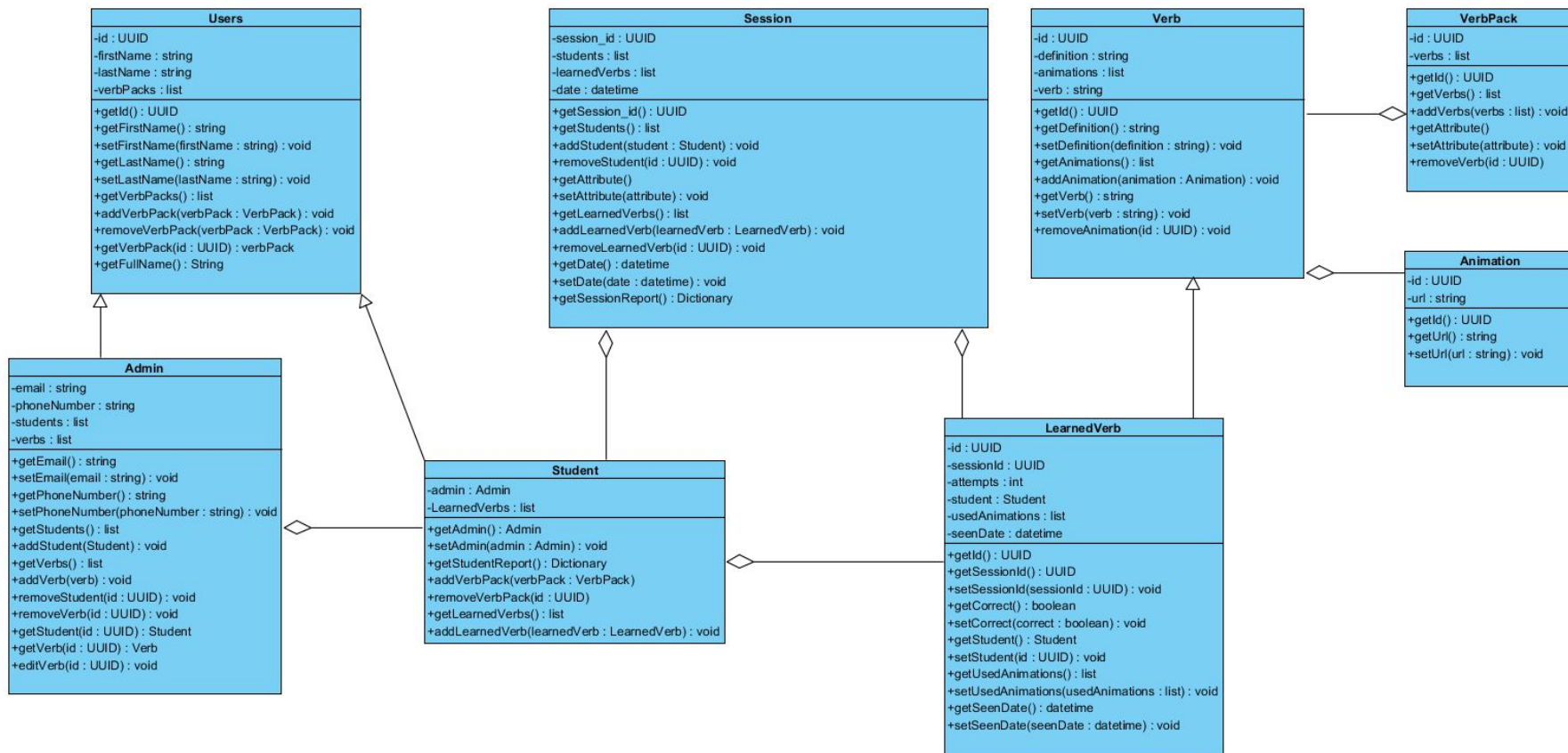
SCOPE OF SYSTEM

- Goal is to create a base implementation and proof of concept for what will eventually be a published app
- Intend to use the IP our contacts have in order to make our app adequate in their eyes
- Plan to implement the necessary features to create a simple base form of the app
 - Features divided into High, Medium, and Low priority
 - Some Medium and Low priority features could be implemented after our semester has finished

PROJECT CHANGES

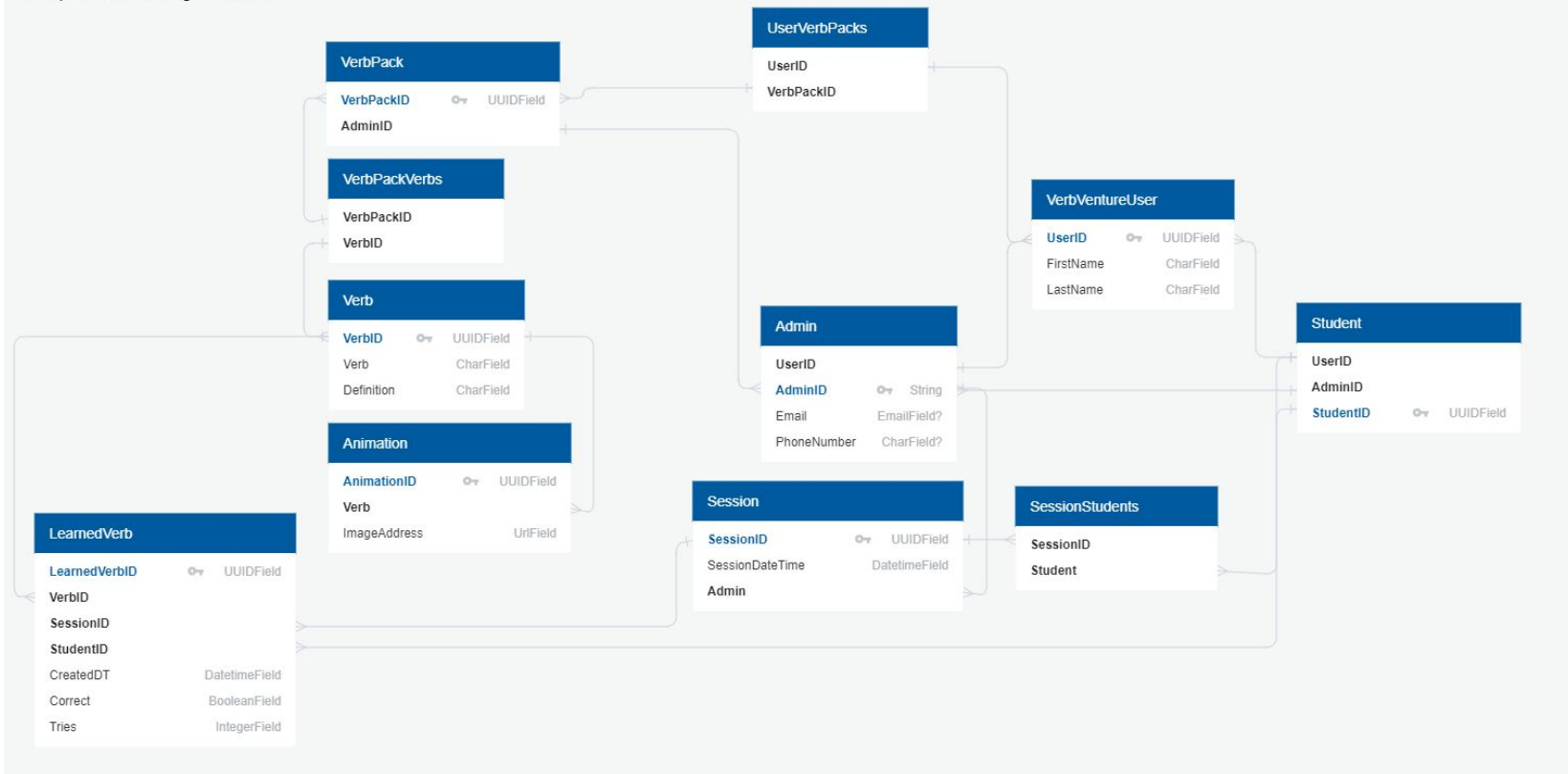
- Testing -> Learning; Conversations with our contacts showed that a learning mode was more beneficial as a starting point
- Single-Student -> Group focus; We designed a system that can handle one or multiple students
- Statistics Class -> Learned Verb; A smarter way to generate stats on our students
- Animation URL -> Animation Class; We decided that animations warranted a class versus just a URL string

UPDATED CLASS DIAGRAM

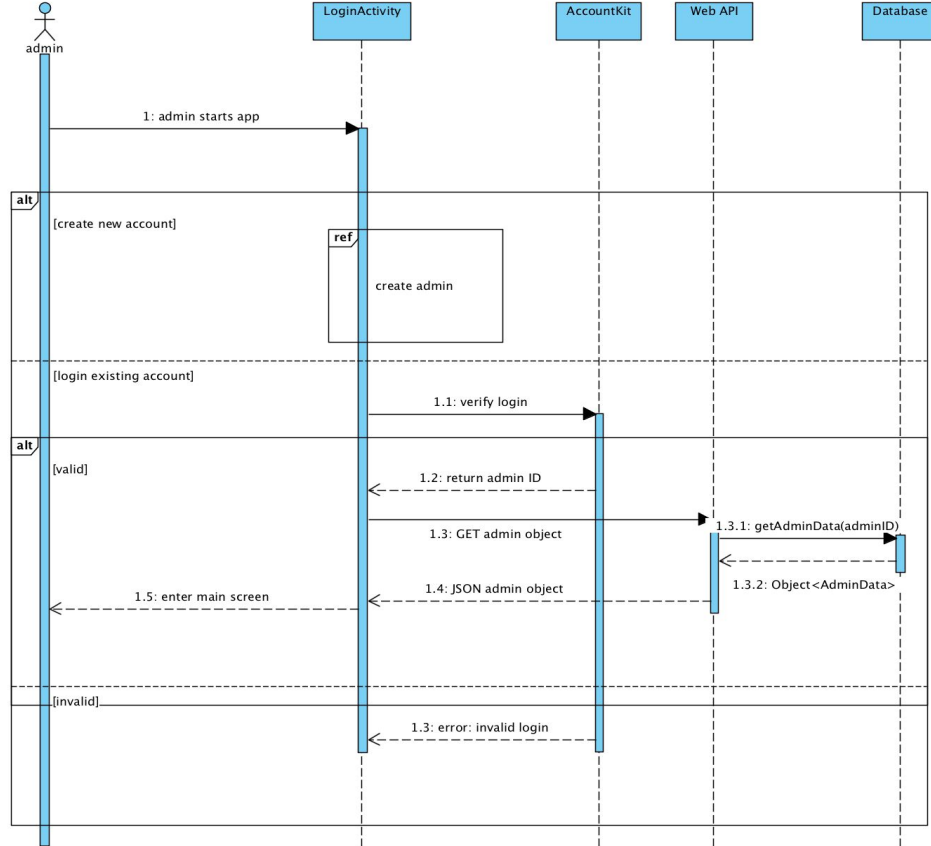


DATABASE DIAGRAM

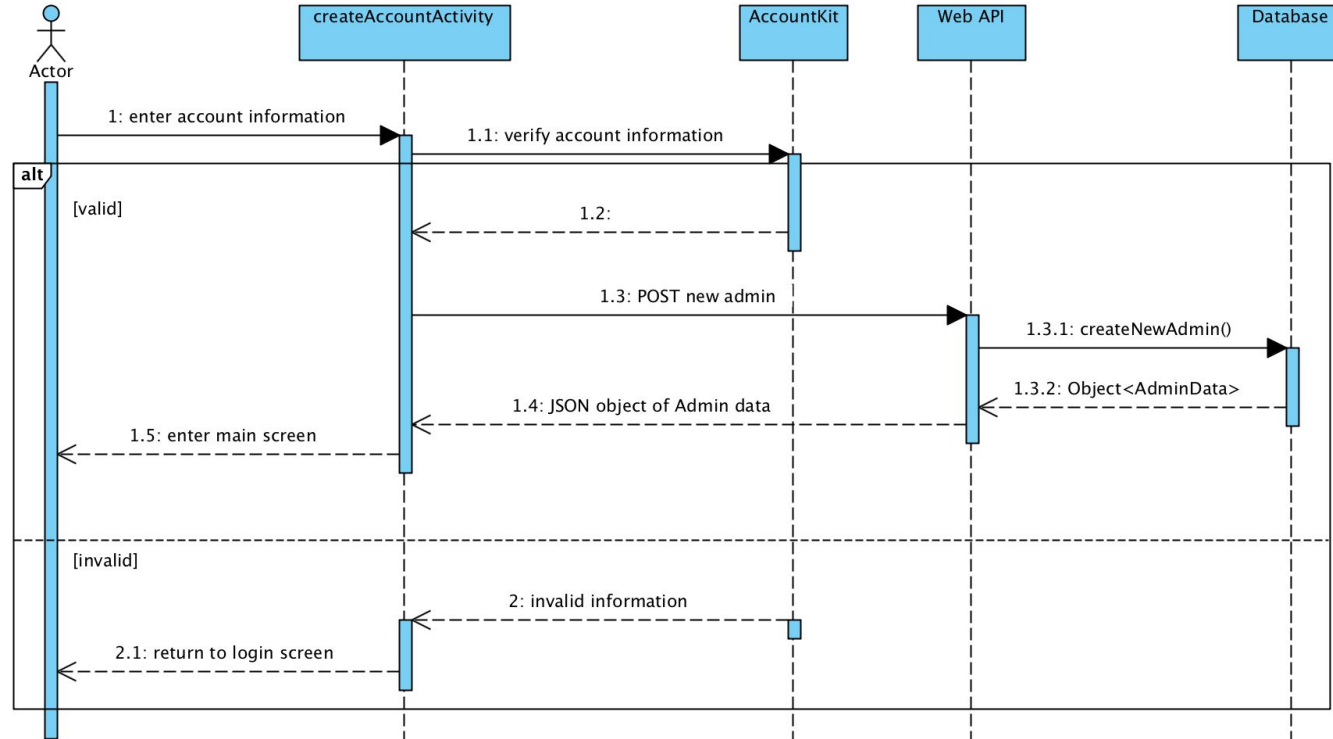
www.quickdatabasediagrams.com



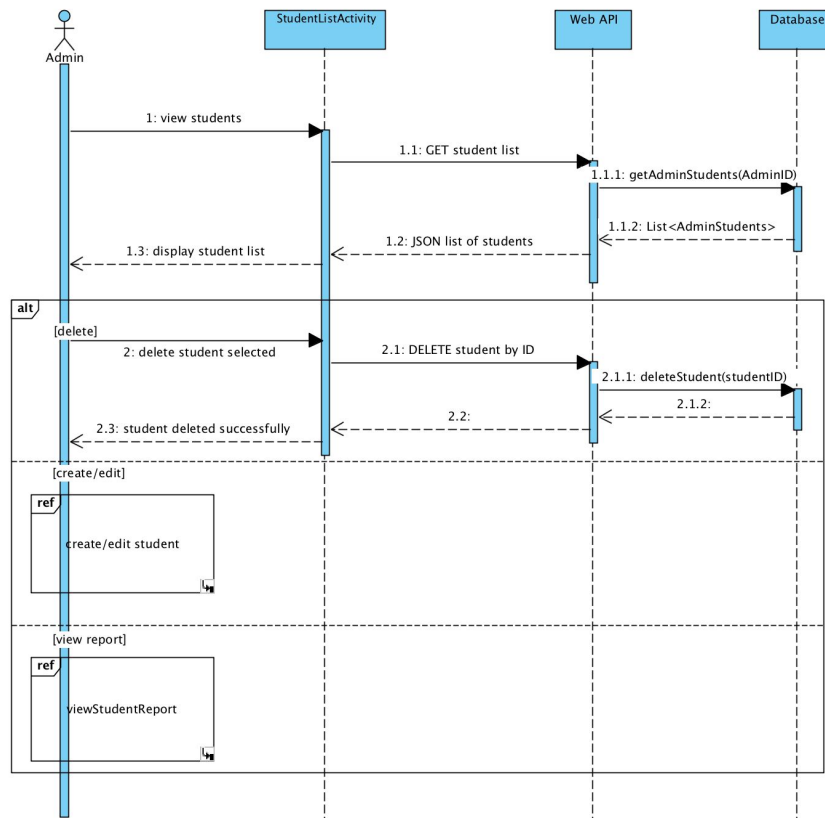
SEQUENCE DIAGRAM - ADMIN LOGIN



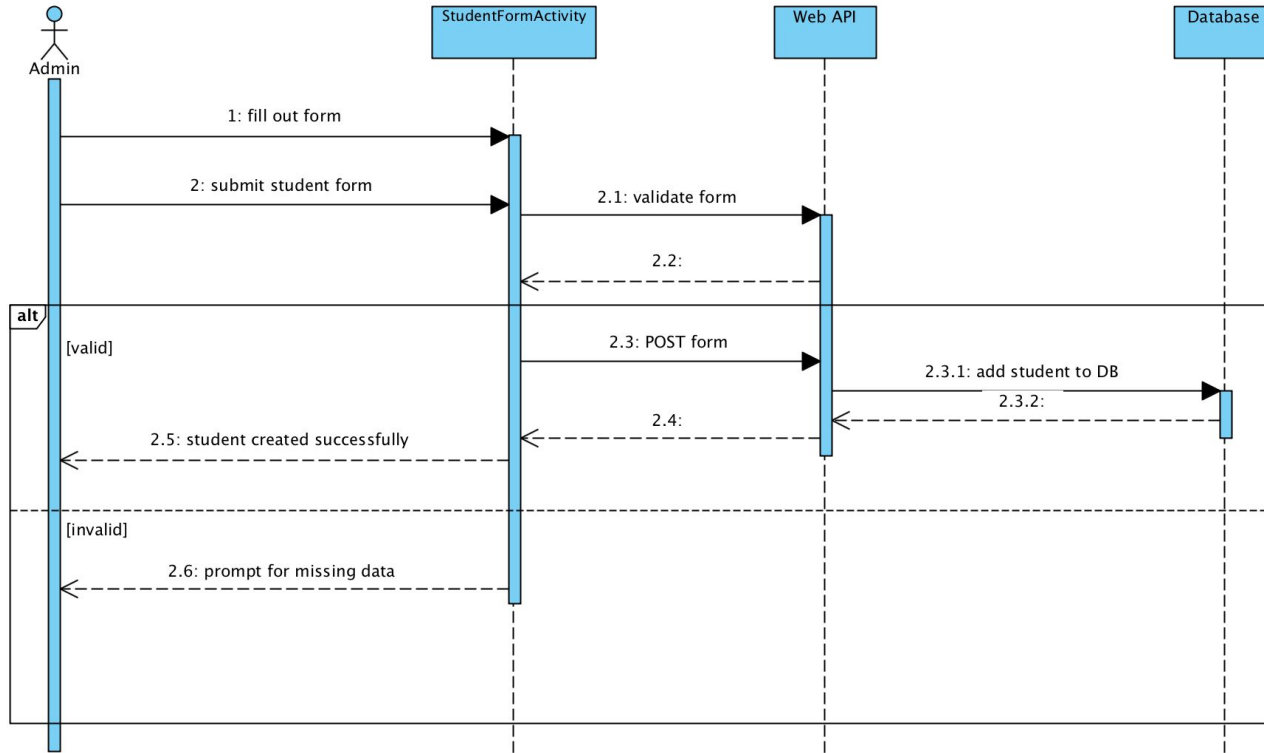
SEQUENCE DIAGRAM - CREATE ADMIN



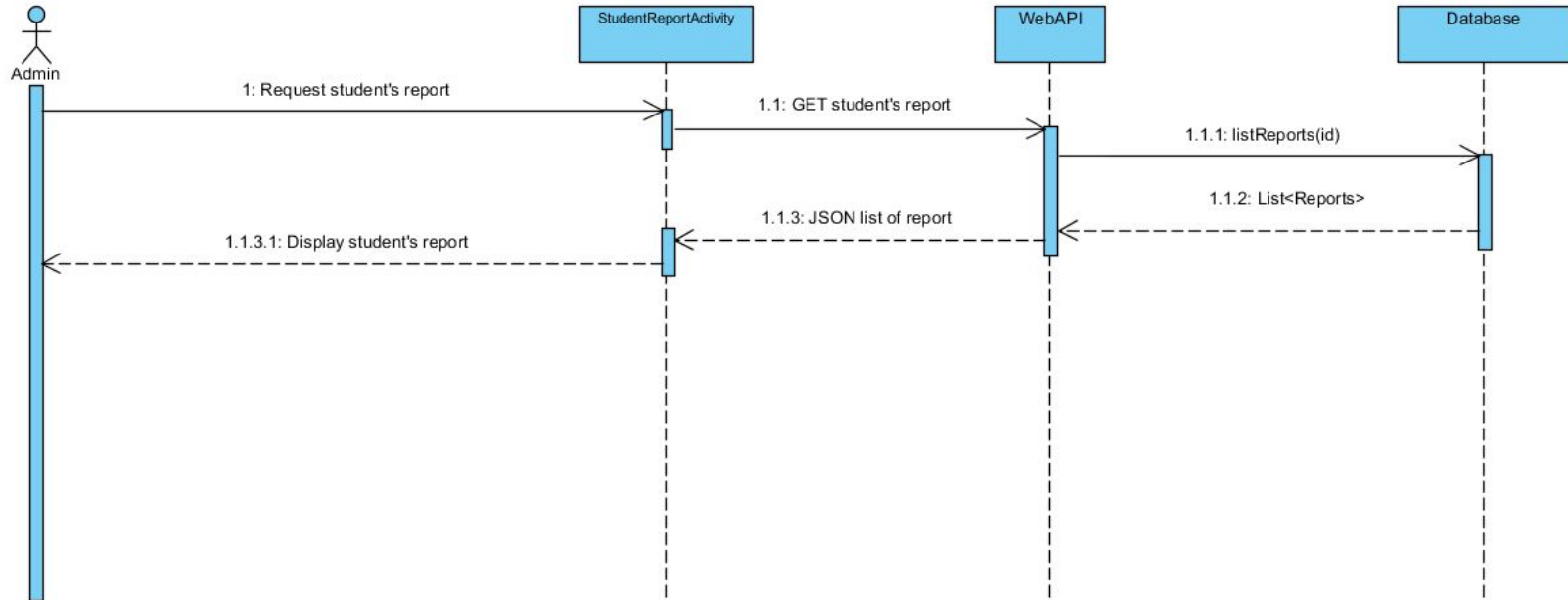
SEQUENCE DIAGRAM - MANAGE STUDENTS



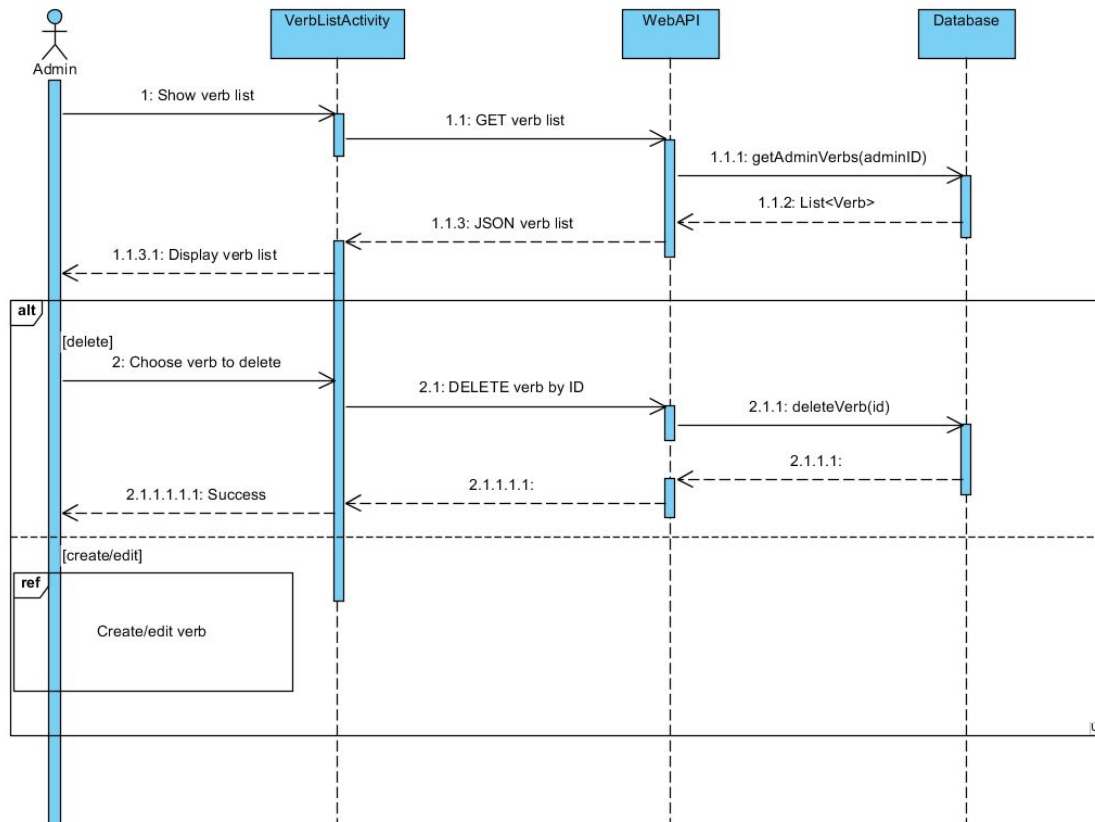
SEQUENCE DIAGRAM - CREATE / EDIT STUDENT



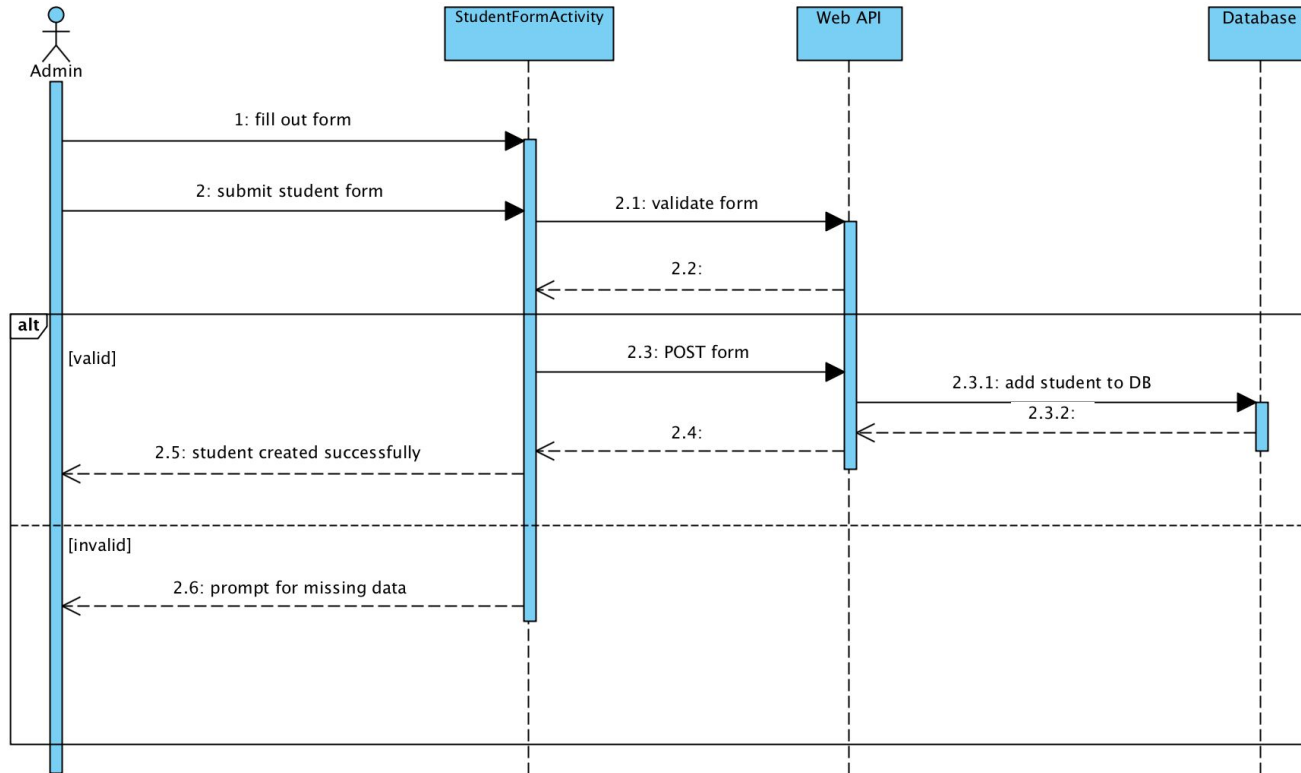
SEQUENCE DIAGRAM - GET STUDENT REPORT



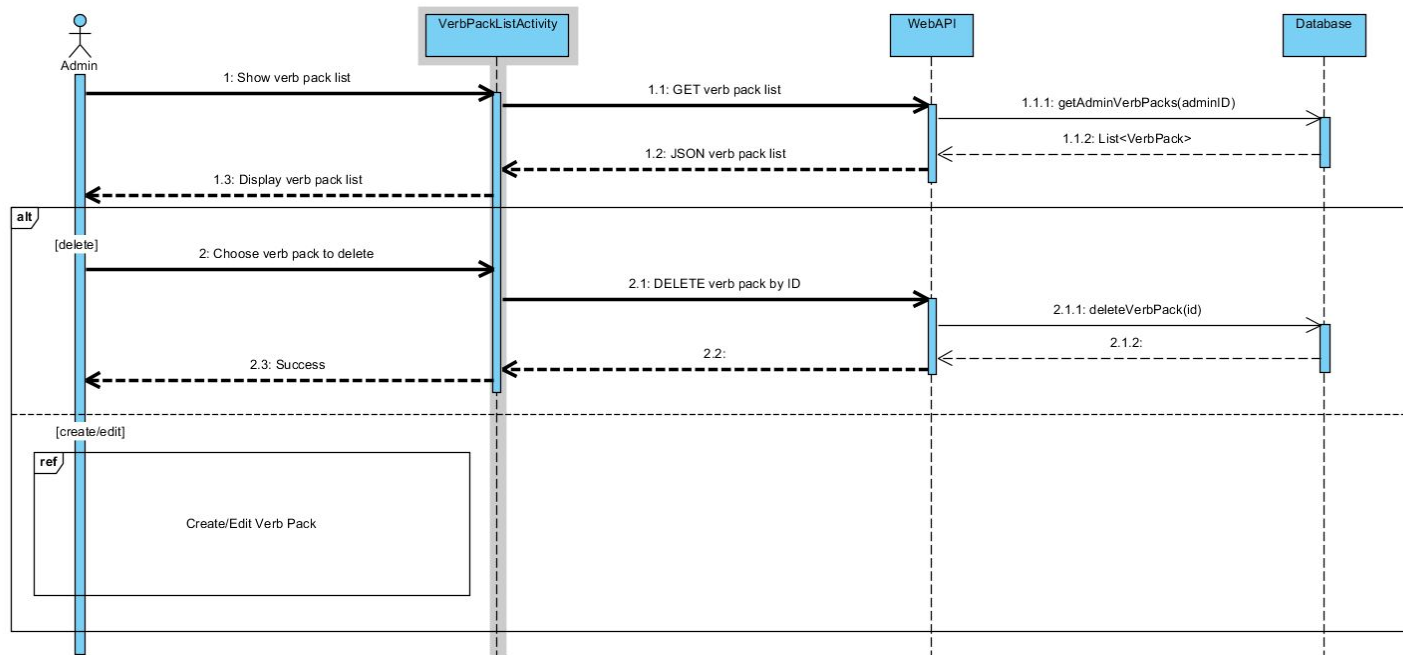
SEQUENCE DIAGRAM - MANAGE VERBS



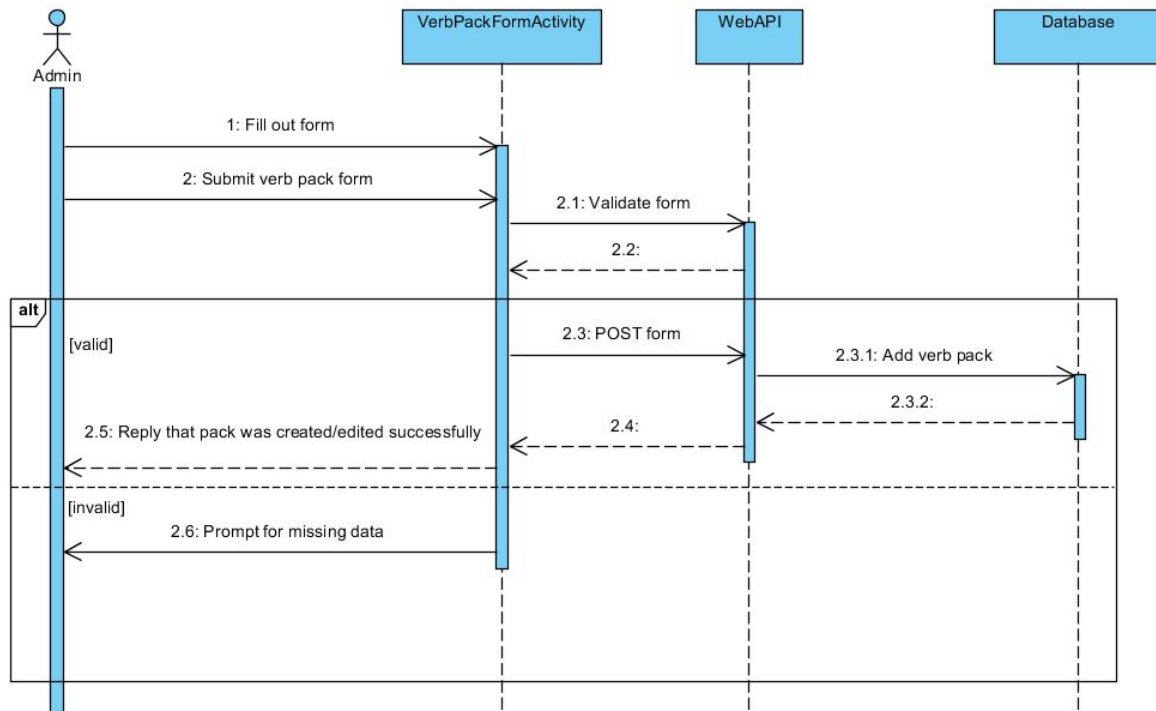
SEQUENCE DIAGRAM - CREATE / EDIT VERB



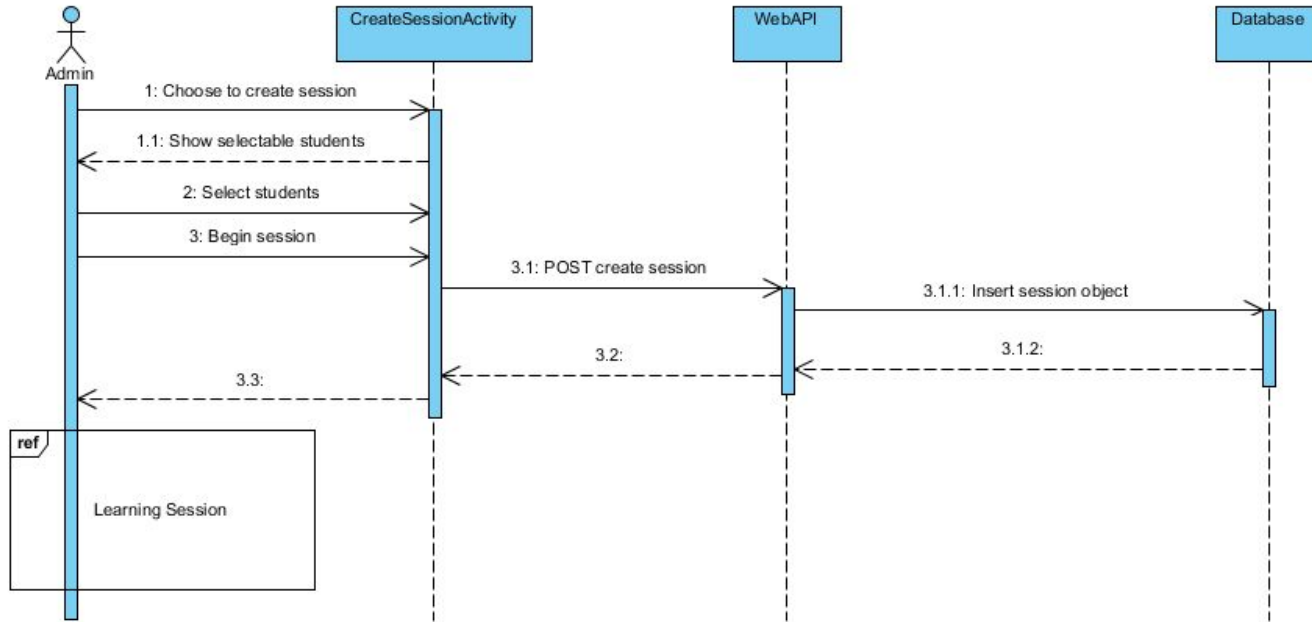
SEQUENCE DIAGRAMS - MANAGE VERB PACK



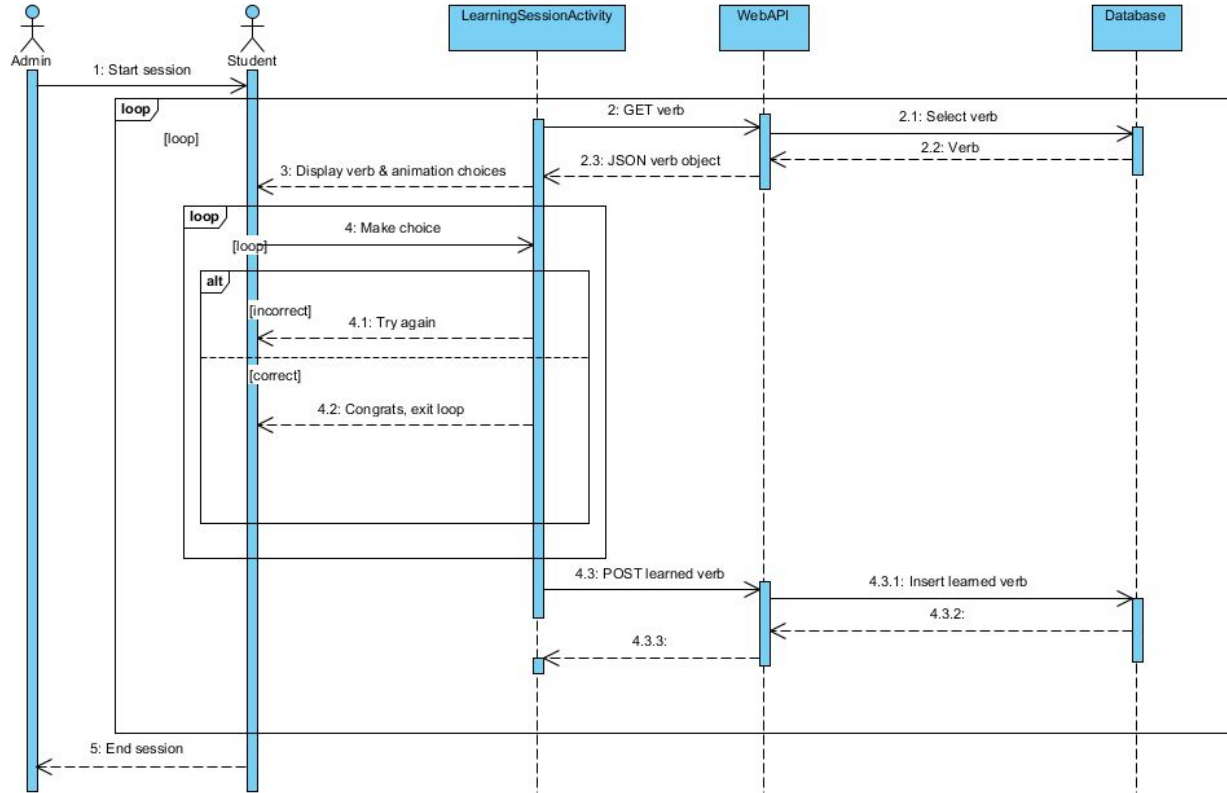
SEQUENCE DIAGRAM - CREATE / EDIT VERB PACK



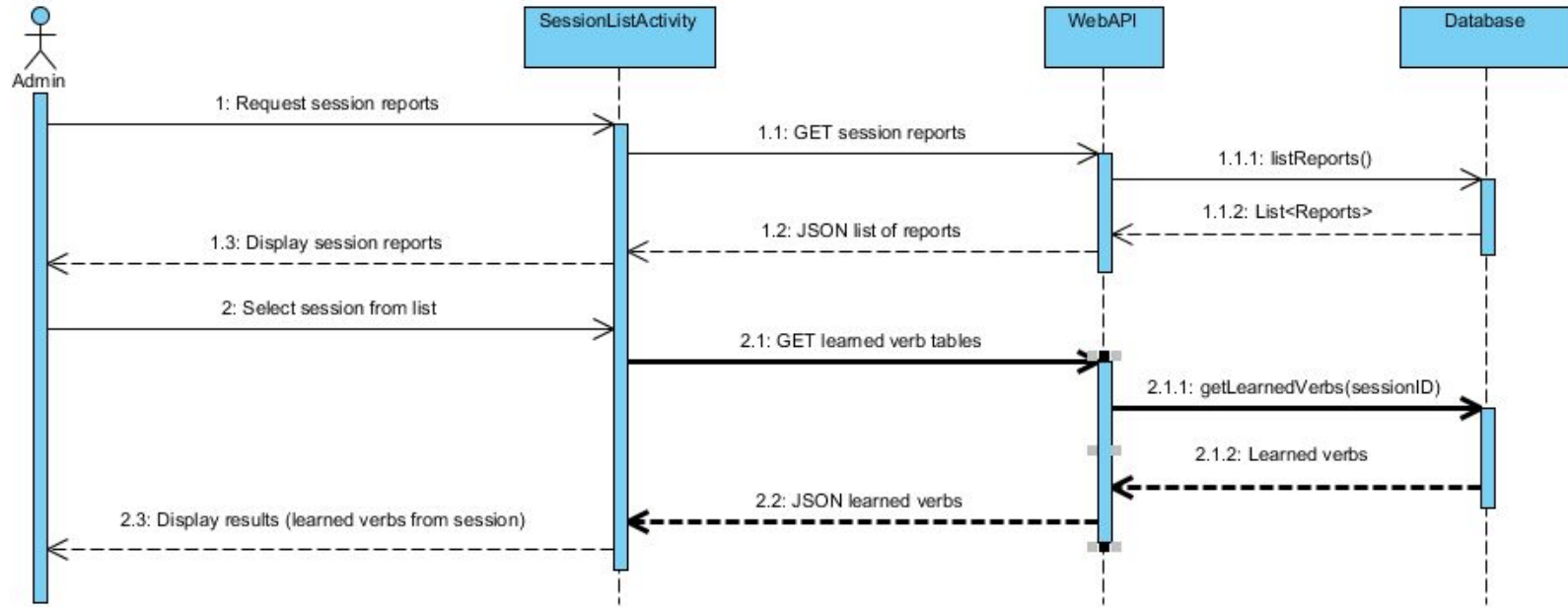
SEQUENCE DIAGRAM - CREATE SESSION



SEQUENCE DIAGRAM - LEARN SESSION



SEQUENCE DIAGRAM - GET SESSION REPORT



QUESTIONS?