

# VERB VENTURES

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**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

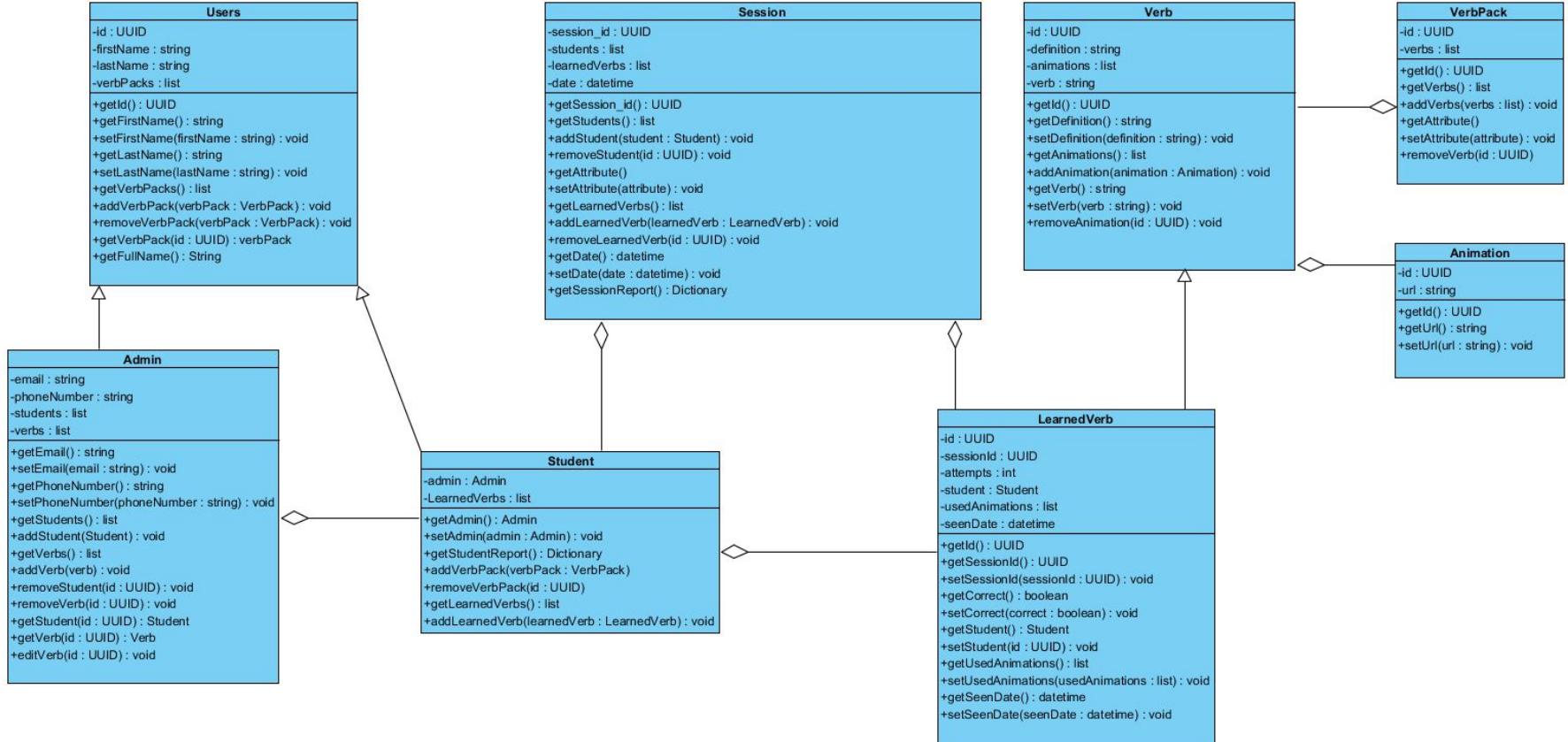
# SCOPE OF SYSTEM

- 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

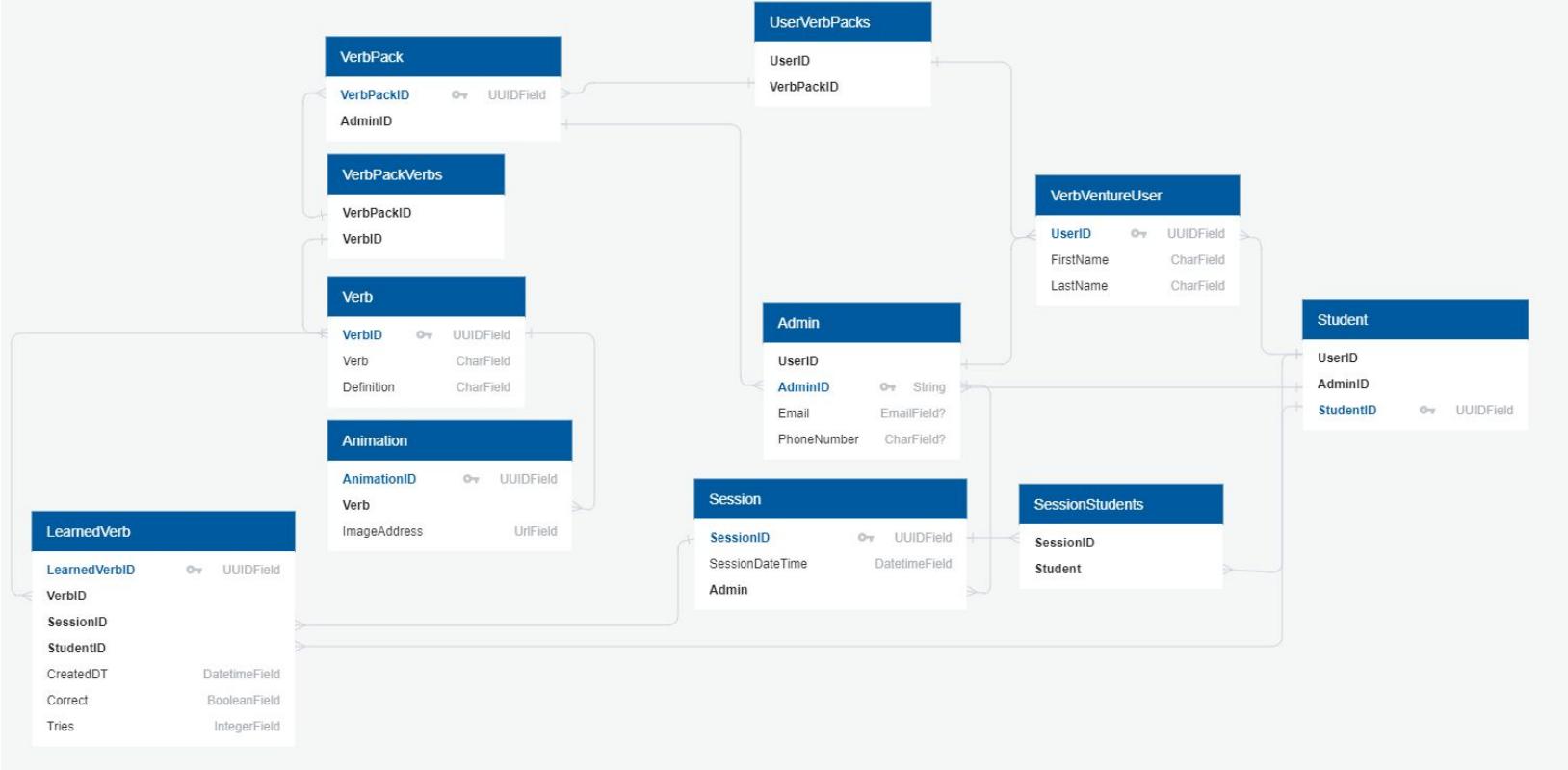
- Testing -> Learning; Conversations with our contacts showed that a learning mode was more beneficial as a starting point
- Single-Student -> Group focus; We designed a system that can handle one or multiple students
- Statistics Class -> Learned Verb; A smarter way to generate stats on our students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

# UPDATED CLASS DIAGRAM

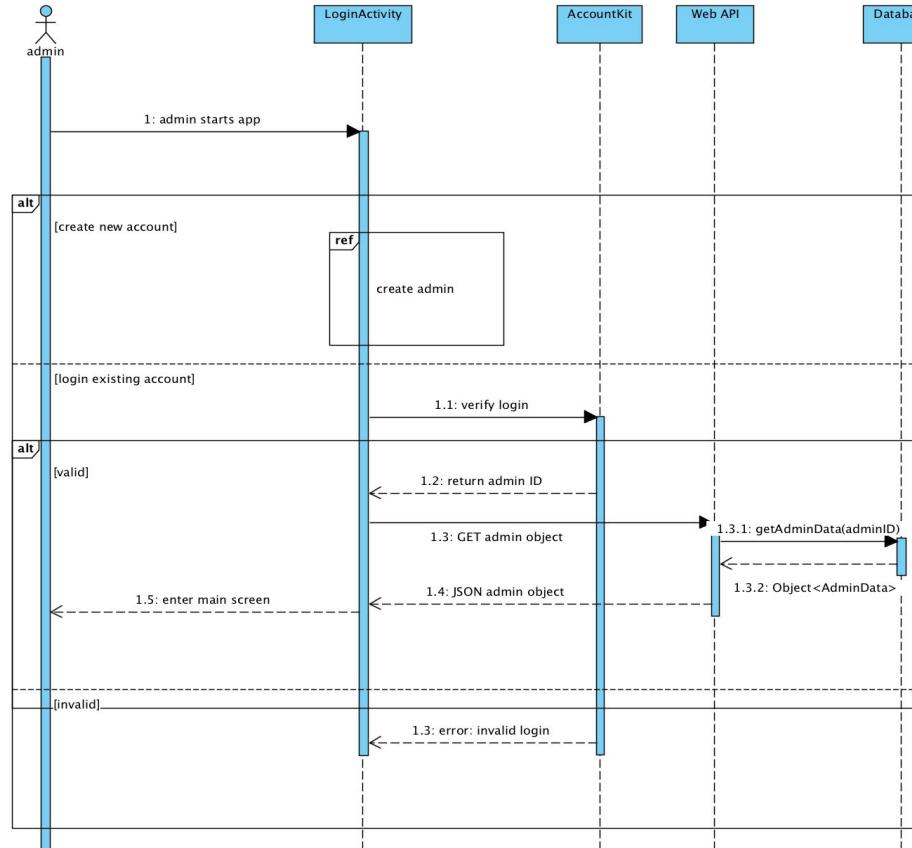


# DATABASE DIAGRAM

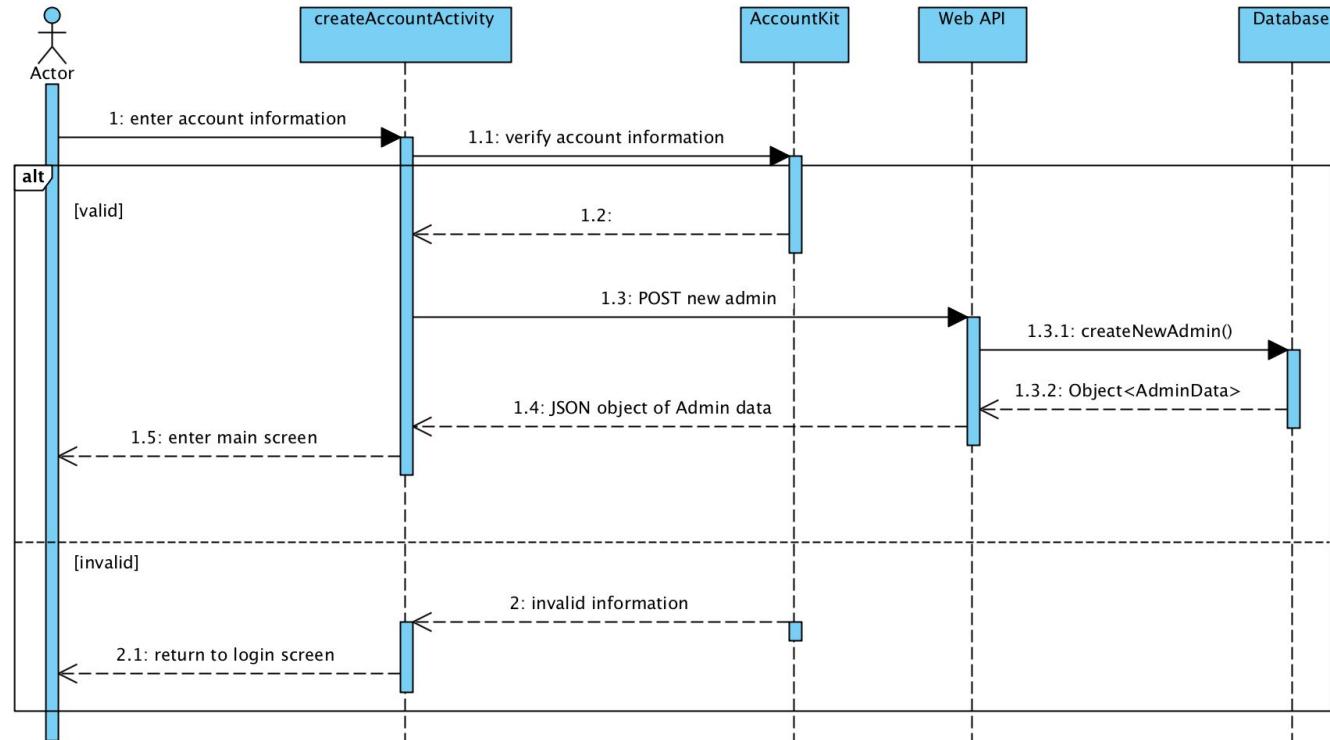
www.quickdatabasediagrams.com



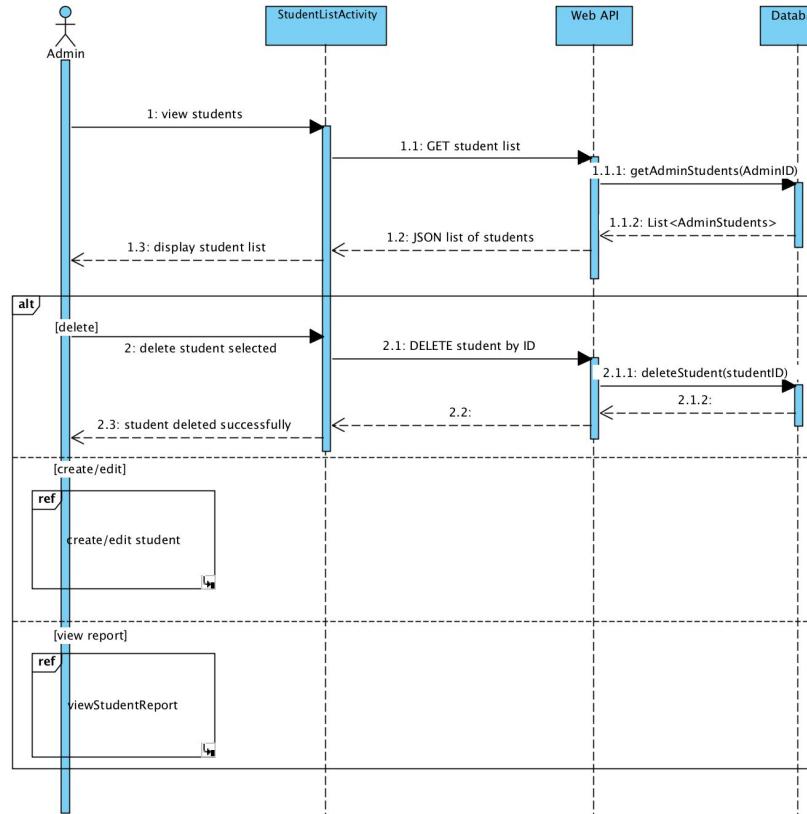
# SEQUENCE DIAGRAM - ADMIN LOGIN



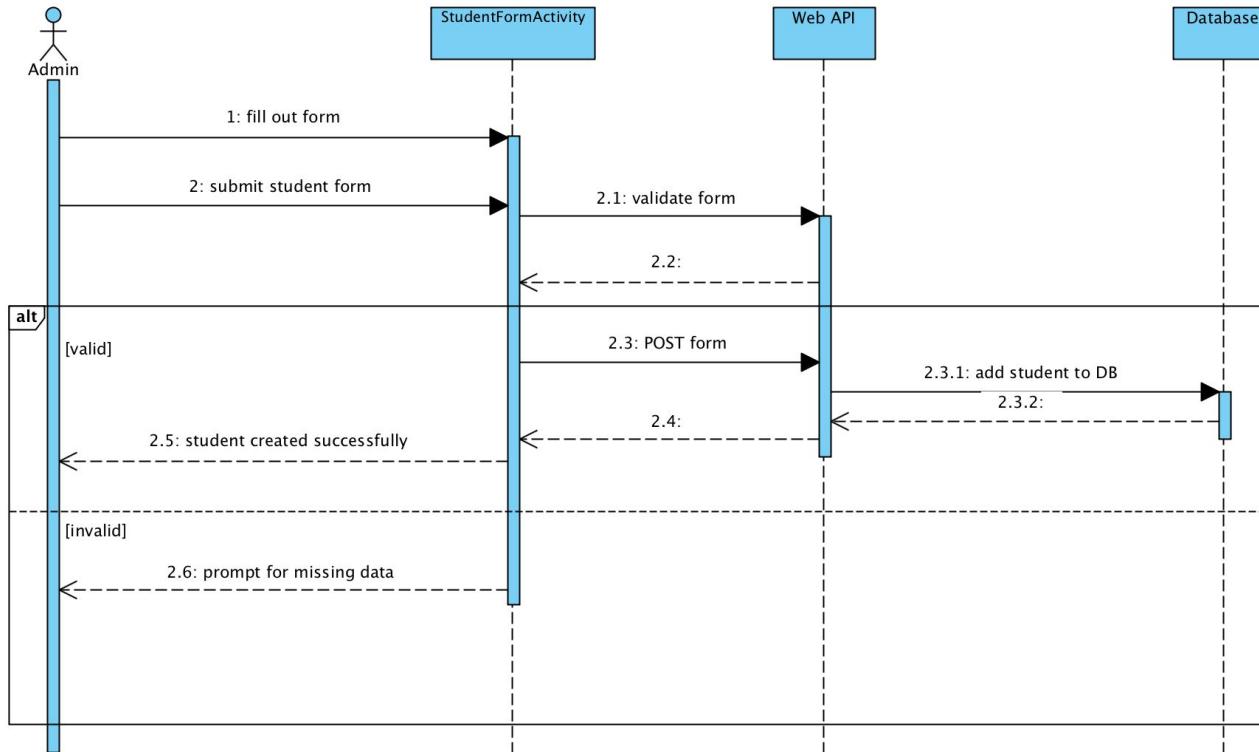
# SEQUENCE DIAGRAM - CREATE ADMIN



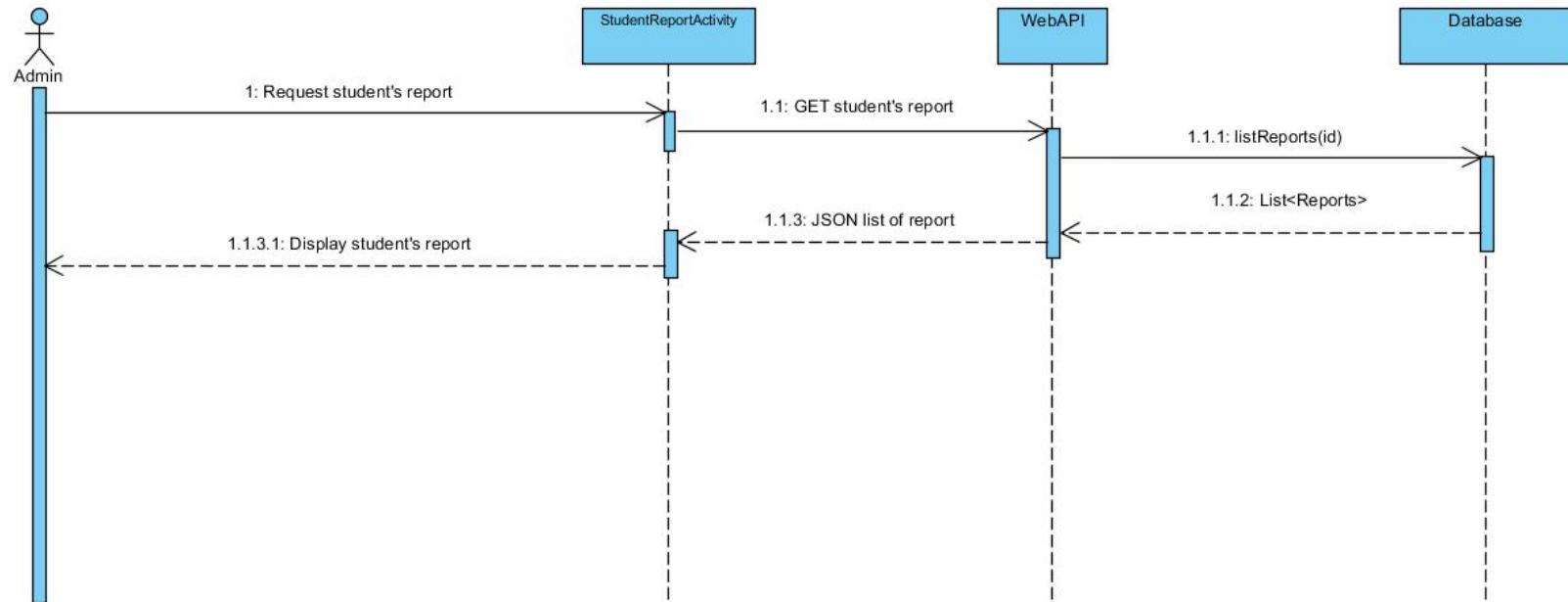
# SEQUENCE DIAGRAM - MANAGE STUDENTS



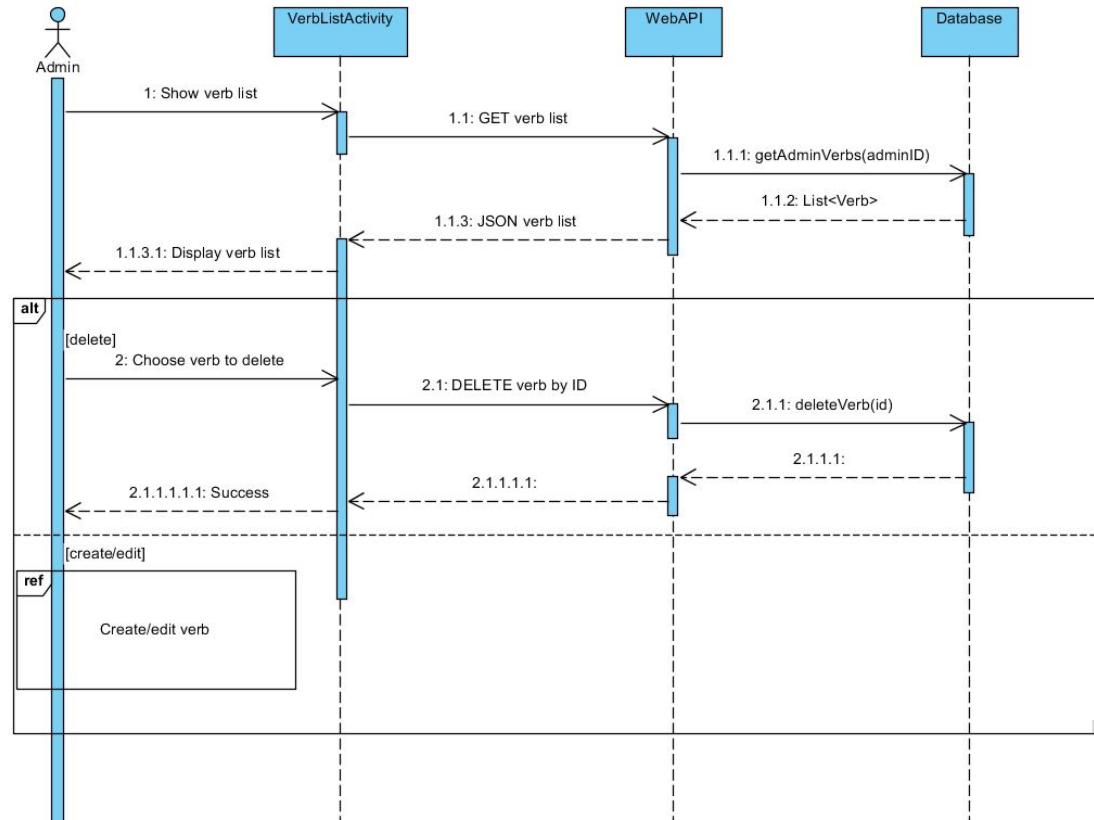
# SEQUENCE DIAGRAM - CREATE / EDIT STUDENT



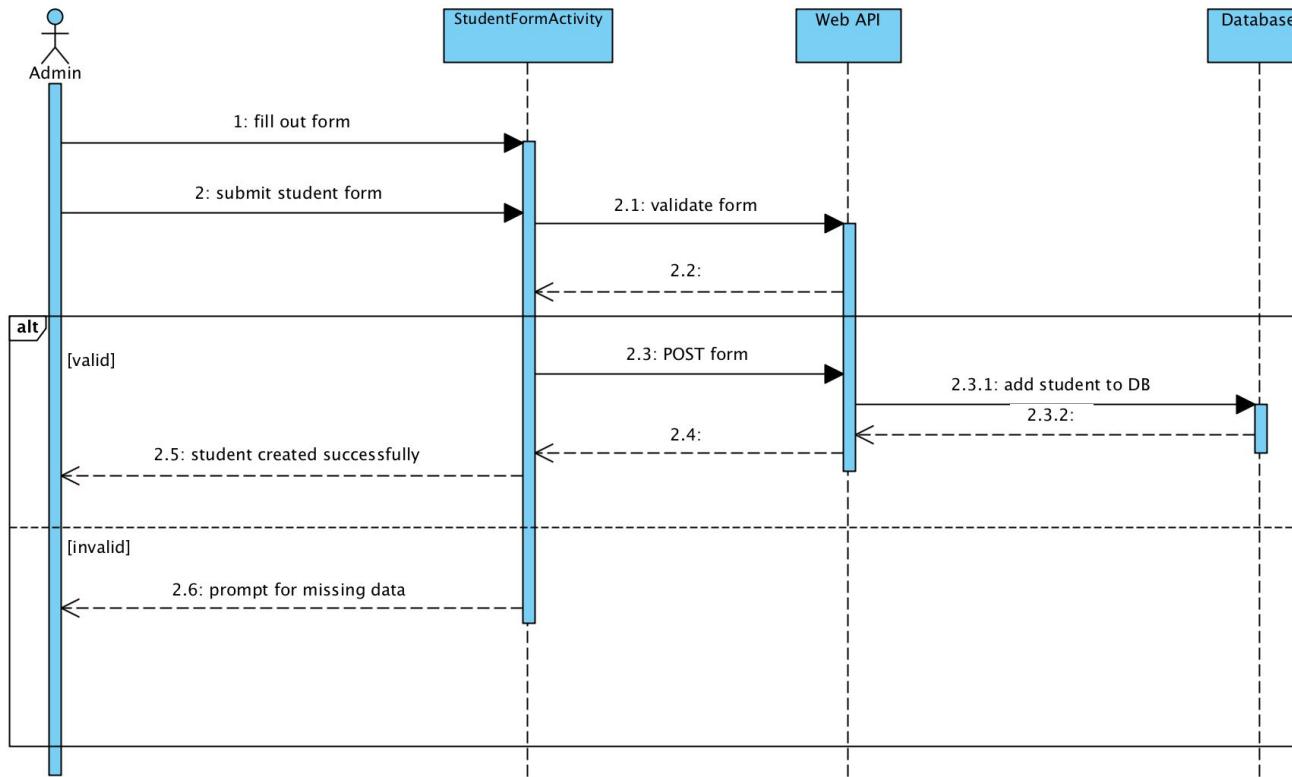
# SEQUENCE DIAGRAM - GET STUDENT REPORT



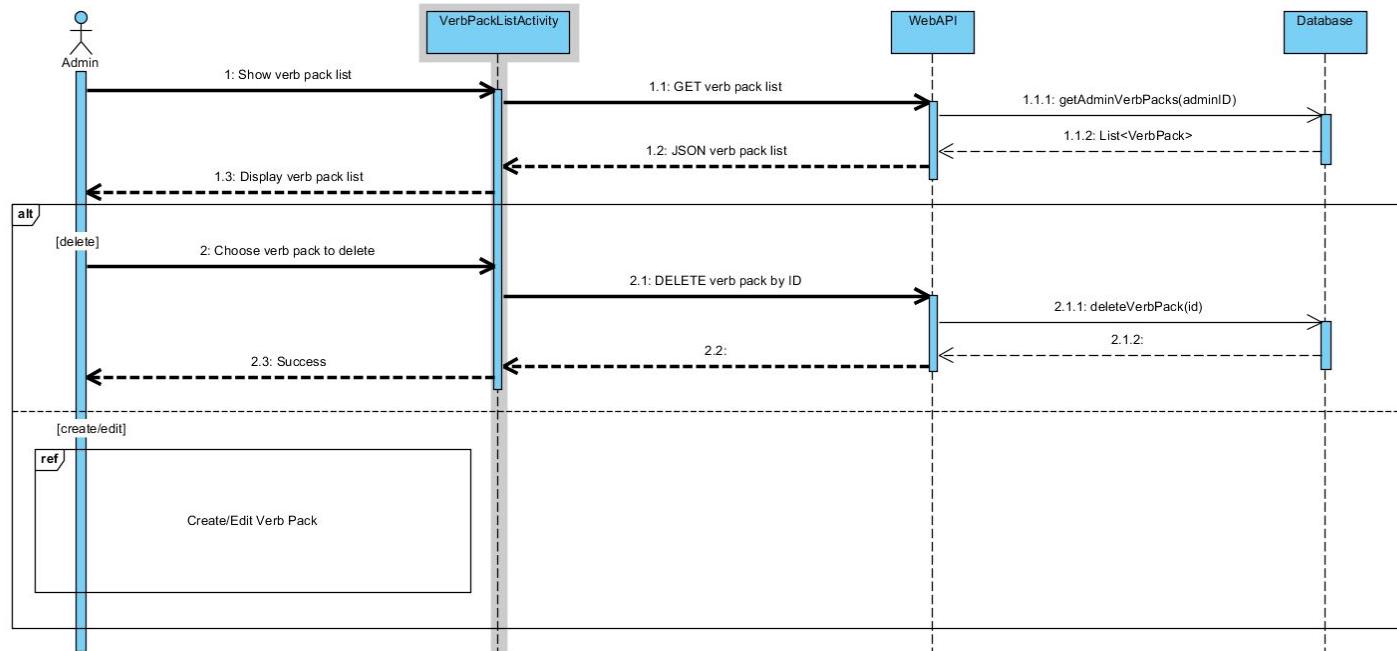
# SEQUENCE DIAGRAM - MANAGE VERBS



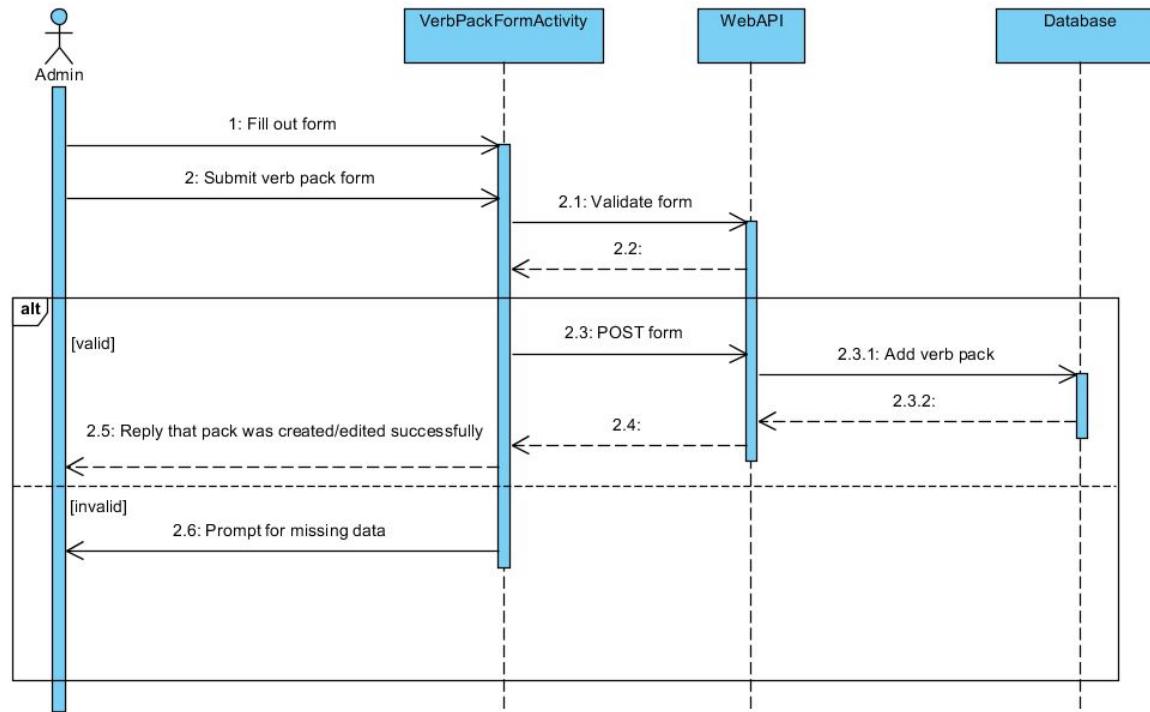
# SEQUENCE DIAGRAM - CREATE / EDIT VERB



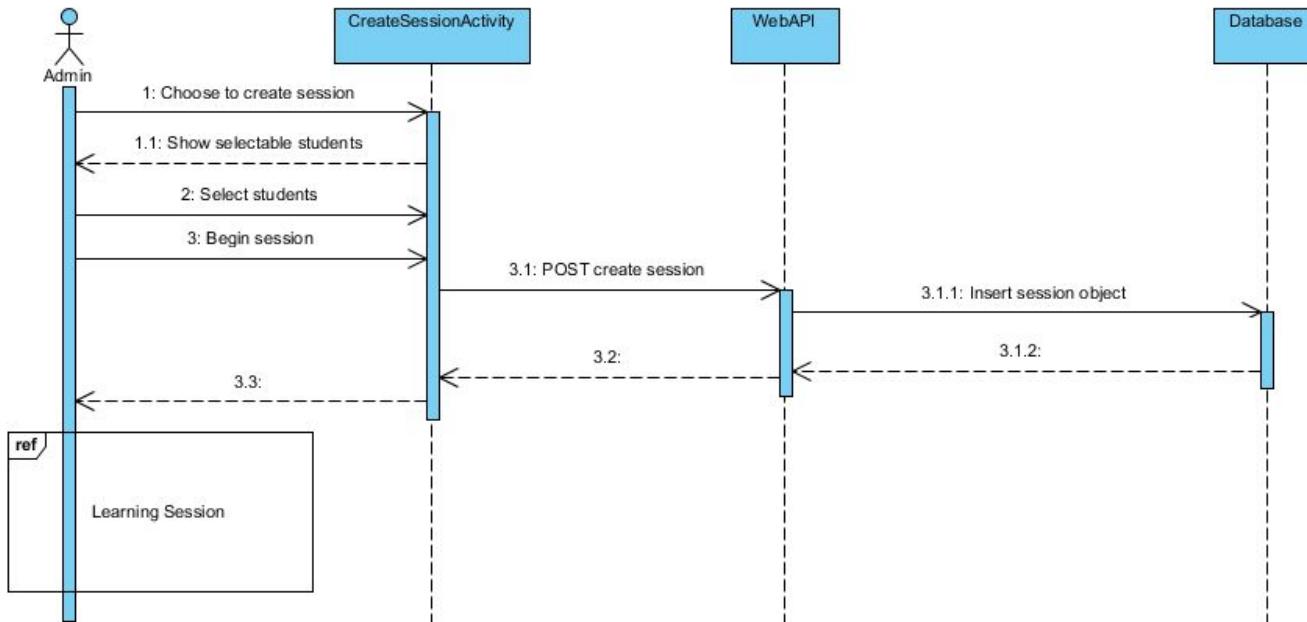
# SEQUENCE DIAGRAMS - MANAGE VERB PACK



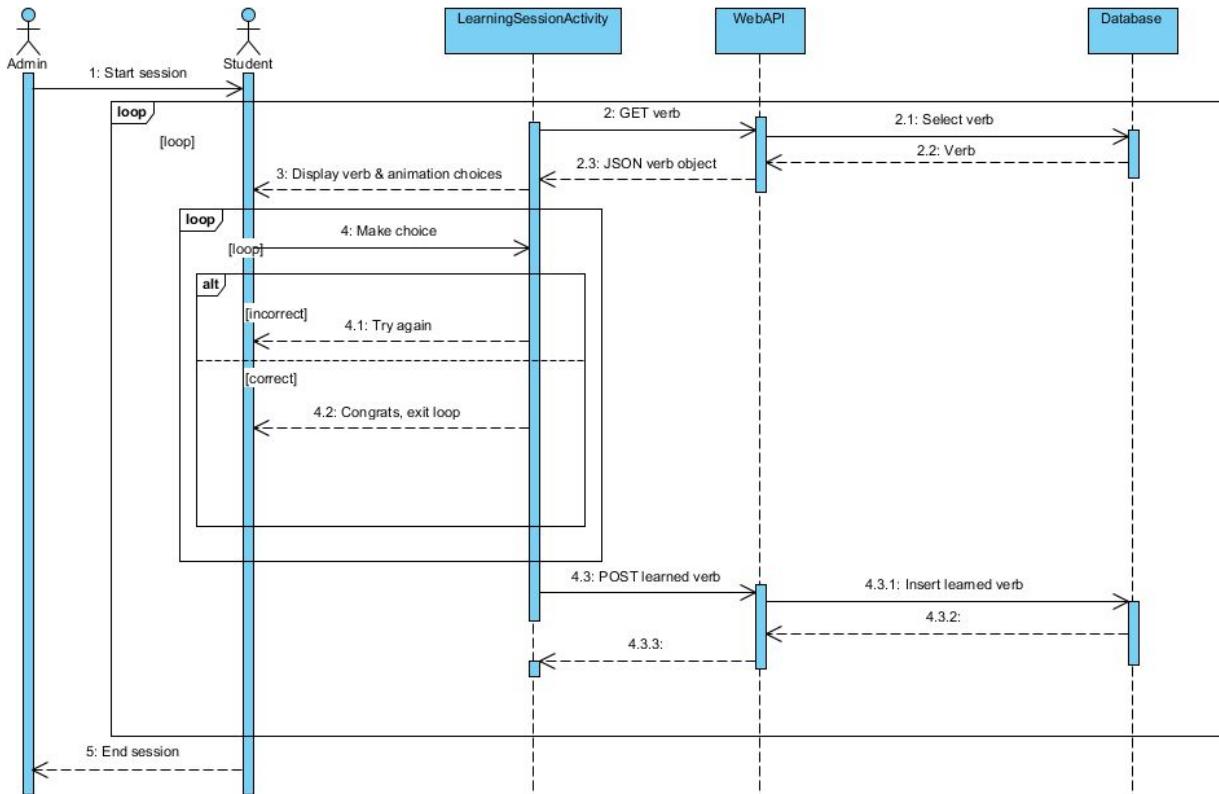
# SEQUENCE DIAGRAM - CREATE / EDIT VERB PACK



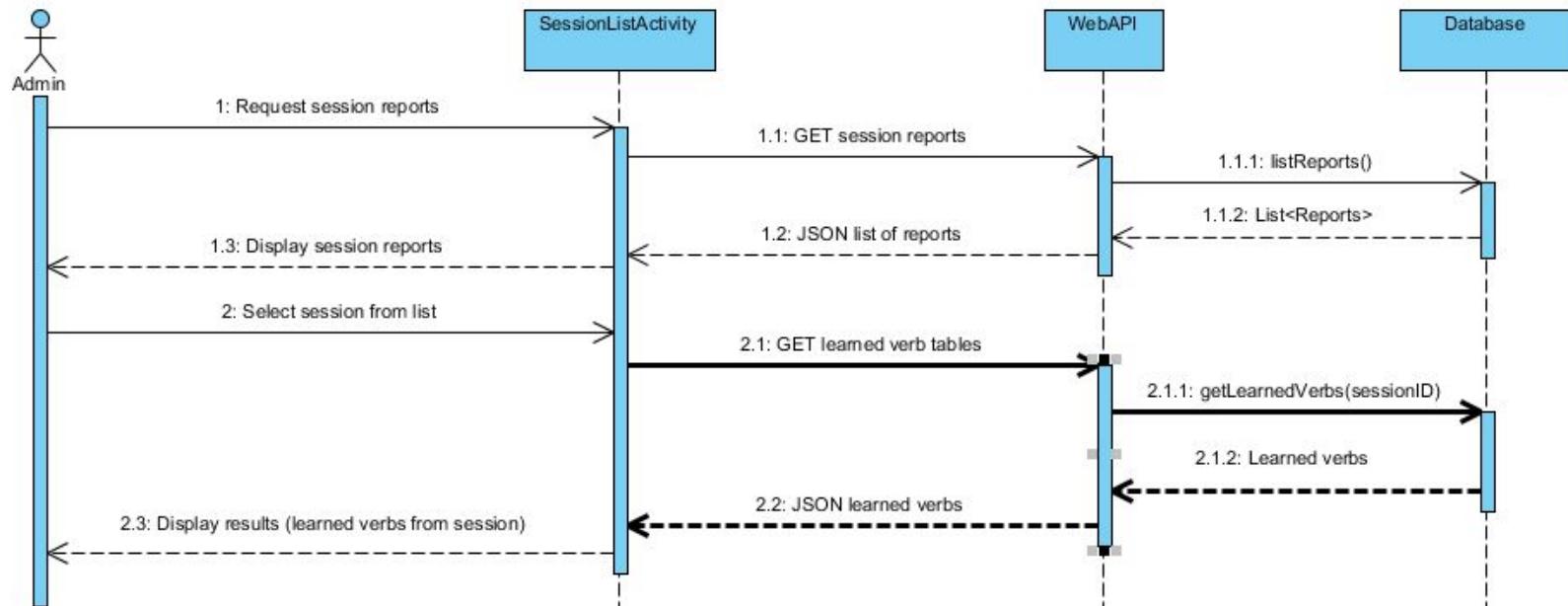
# SEQUENCE DIAGRAM - CREATE SESSION



# SEQUENCE DIAGRAM - LEARN SESSION



# SEQUENCE DIAGRAM - GET SESSION REPORT



QUESTIONS?