

# VERB VENTURES

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**Helping really cool kids learn verbs**

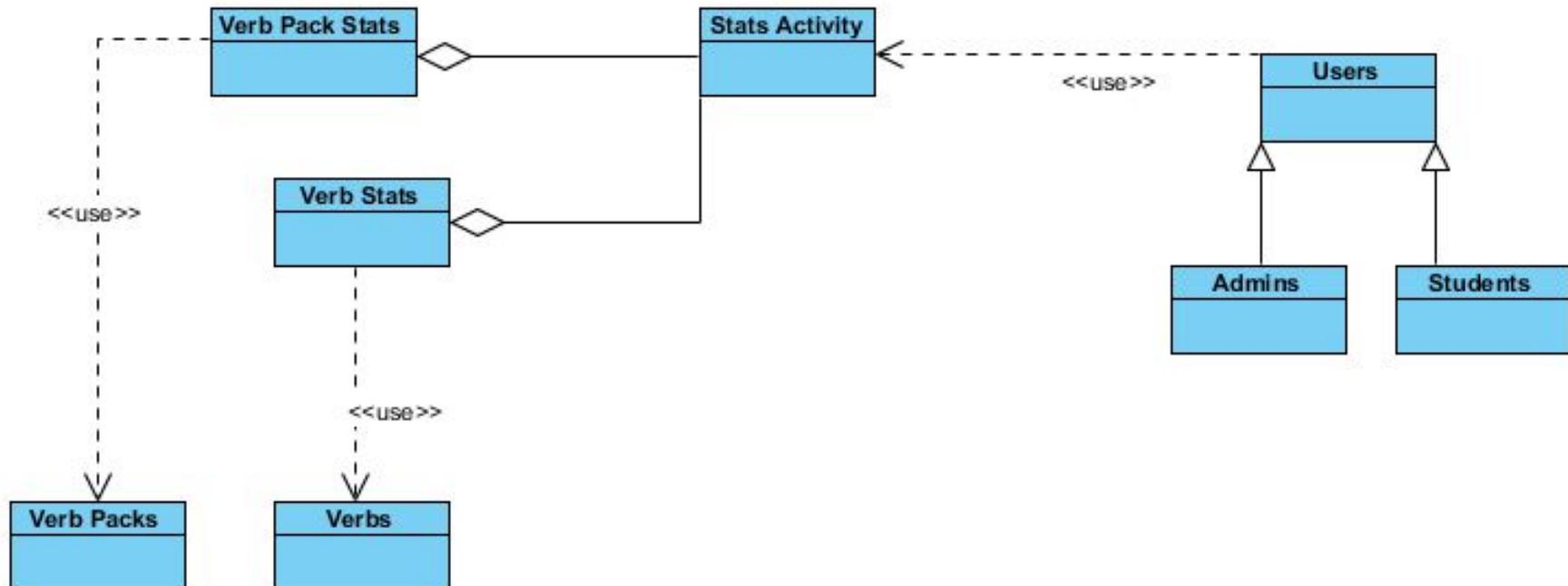
# PROBLEM DEFINITION

- 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

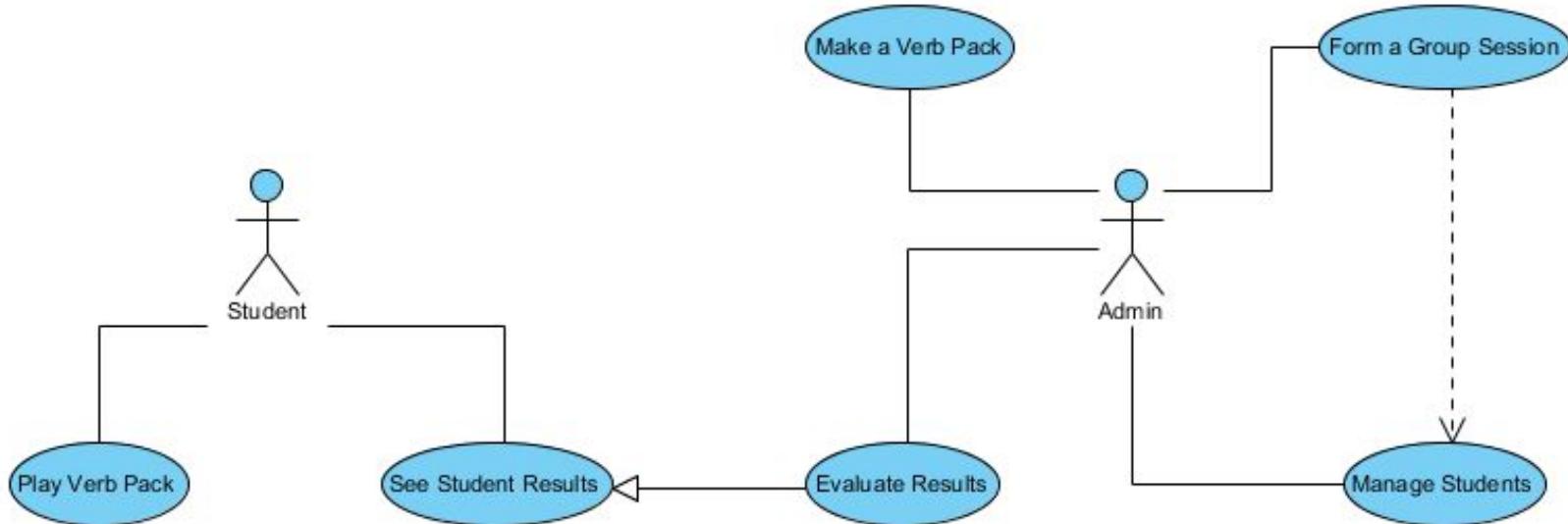
# SCOPE OF SYSTEM

- 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

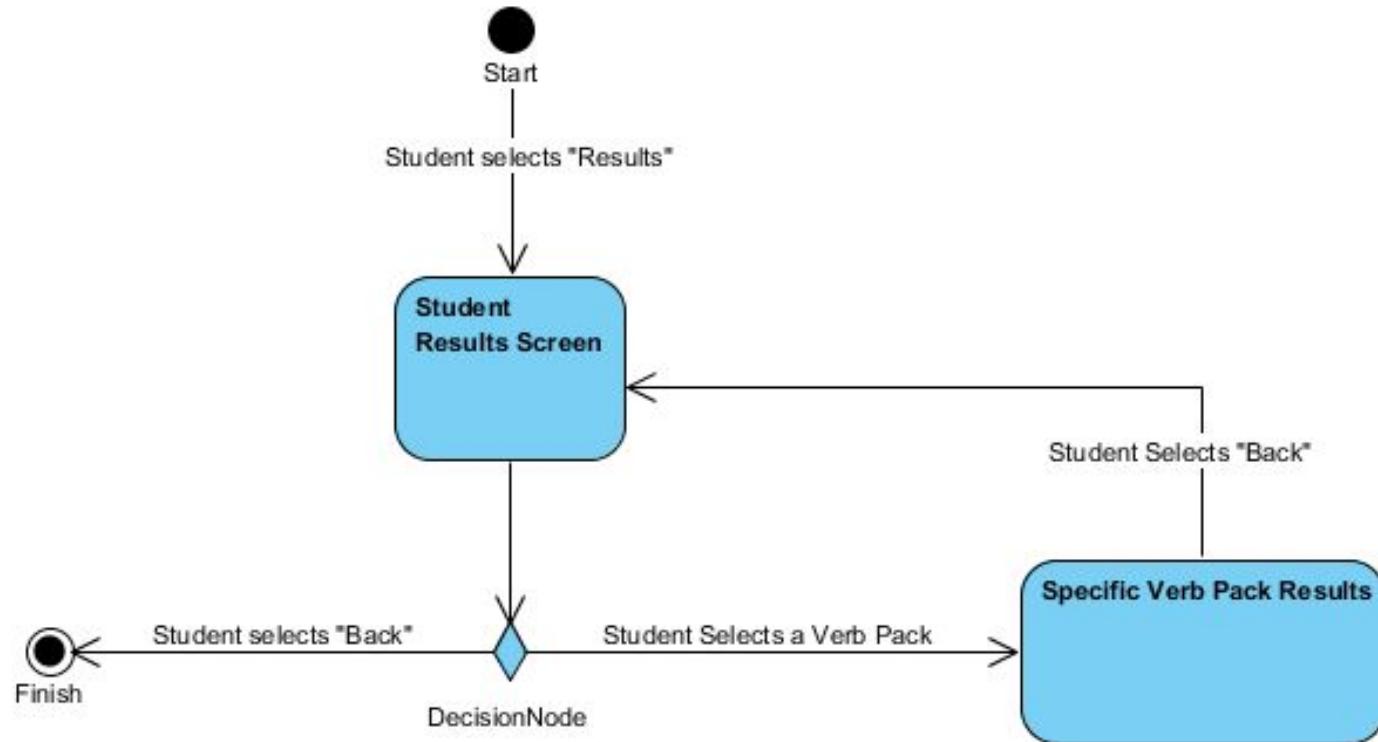
# High Level Class Diagram



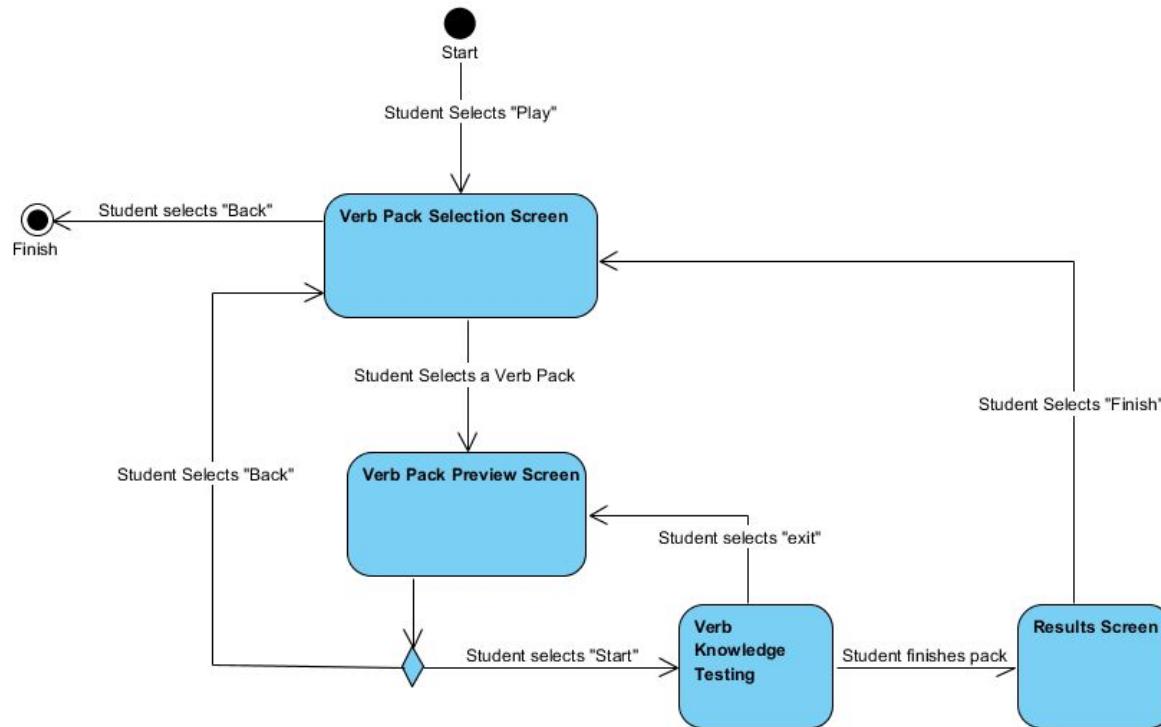
# Use Case Overview



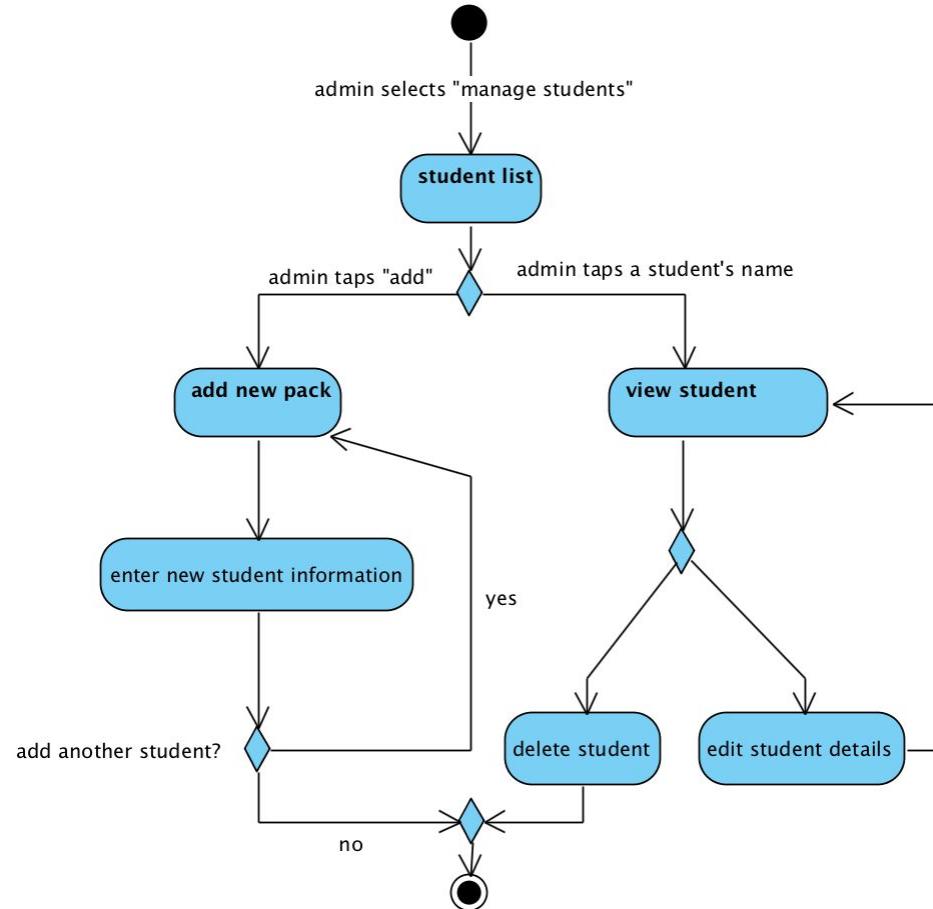
# Student Views Results



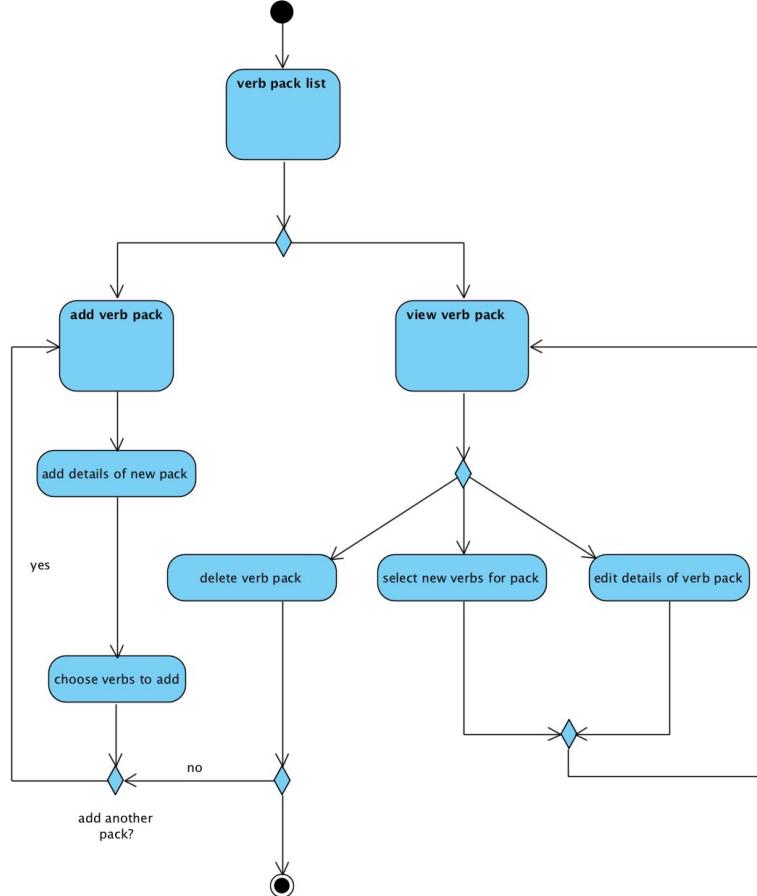
# Student Plays Verb Pack



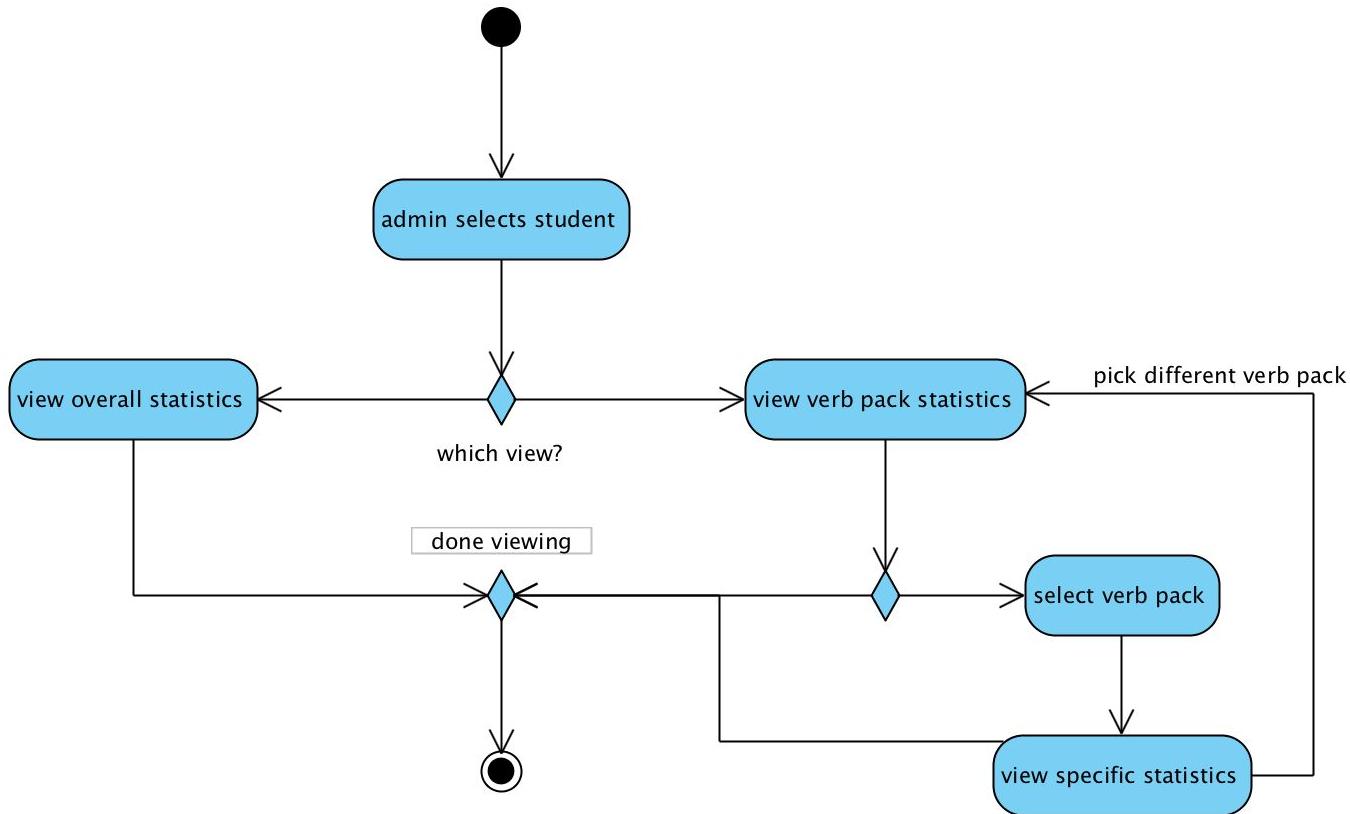
# Manage Students



# Manage Verb Packs



# Evaluate Students



# FEATURES TO BE IMPLEMENTED

- Admin:
  - Add/Manage student - Required
  - Create verb pack - Required
  - Create verb-animation pair - Possible
  - View progress of students - Possible
  - Set target goals for students - Future work
- Student:
  - Select verb pack to play - Required
  - Playing/Testing verb packs - Required
  - View completion % of pack - Possible
  - Creating missed verb packs - Future work
  - Giving student feedback - Future work
  - Allow students to use personal device - Future work

# POTENTIAL RISKS

- Not delivering our “Required” features
  - Not communicating with our clients often enough, especially with distance being a factor
  - Misunderstanding requirements and client needs
- Keeping our user data secure
  - Storing information about individuals, especially children, creates a lot of liability
- Inaccurate estimates of implementation time
  - Not setting aside enough time to fix problems along the way can be risky

QUESTIONS?