

VERB VENTURES

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Helping really cool kids learn verbs

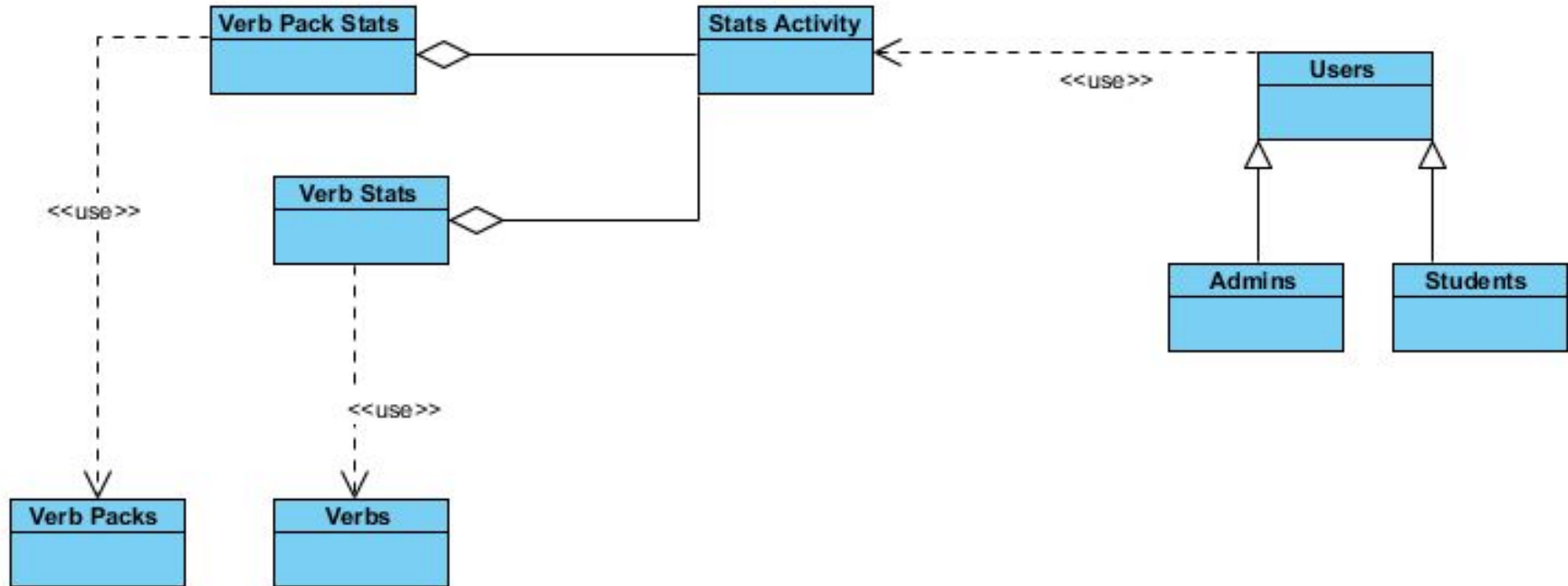
PROBLEM DEFINITION

- 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

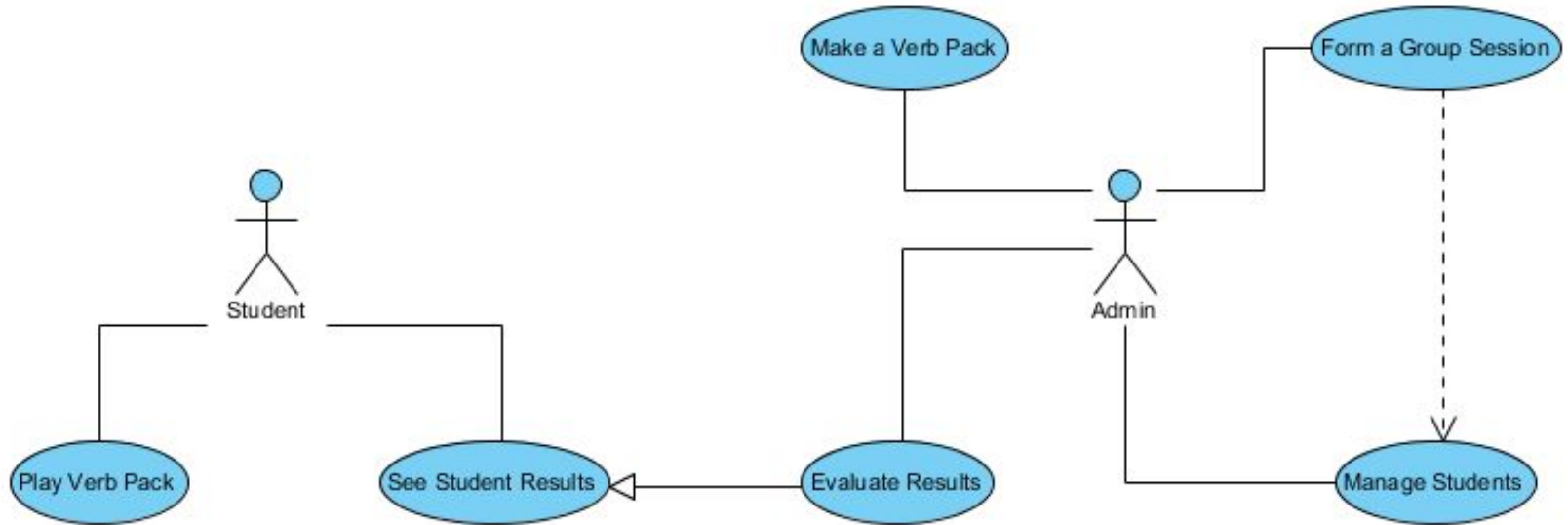
SCOPE OF SYSTEM

- 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

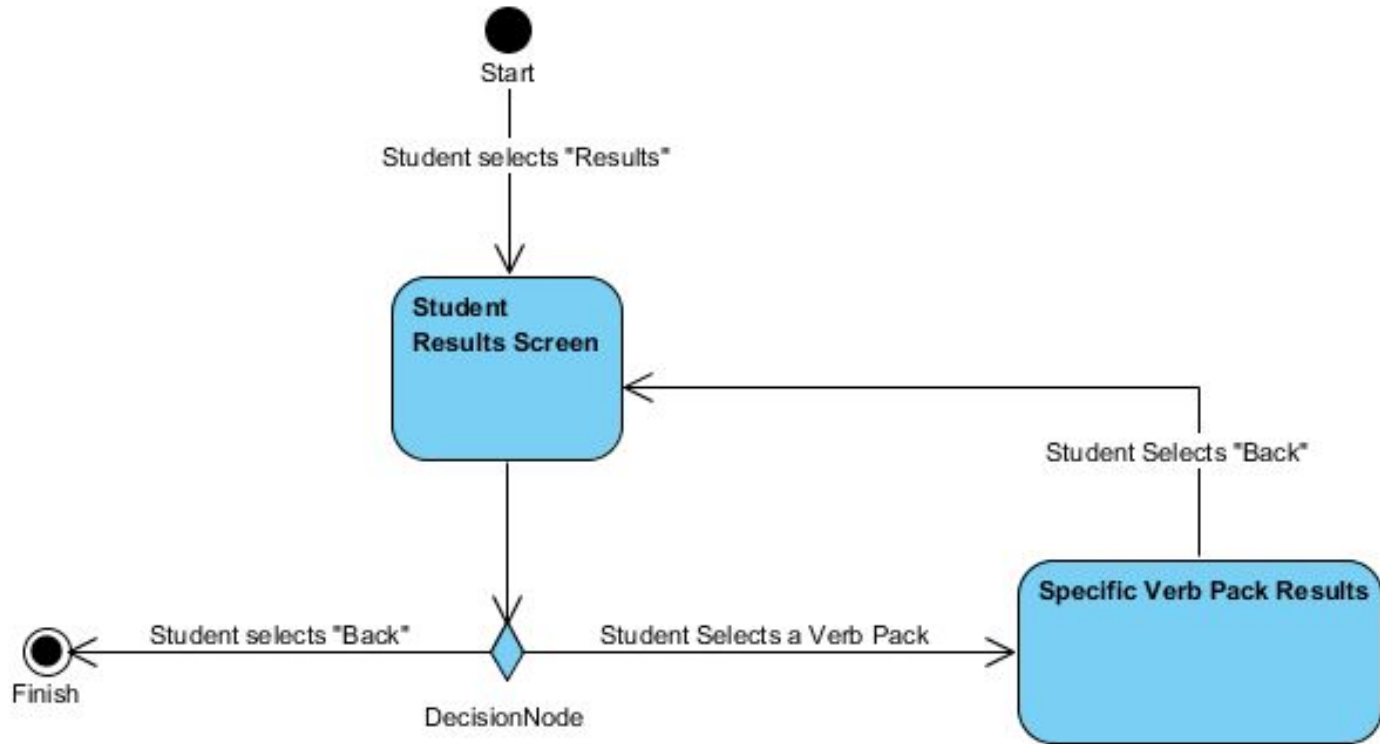
High Level Class Diagram



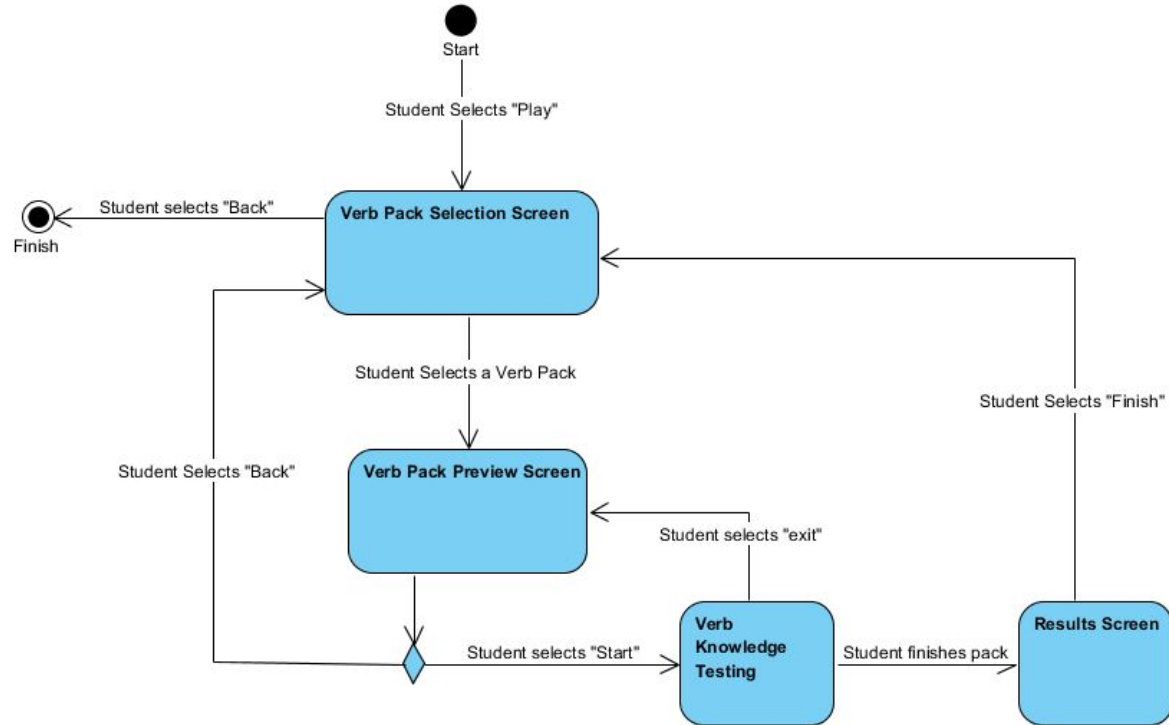
Use Case Overview



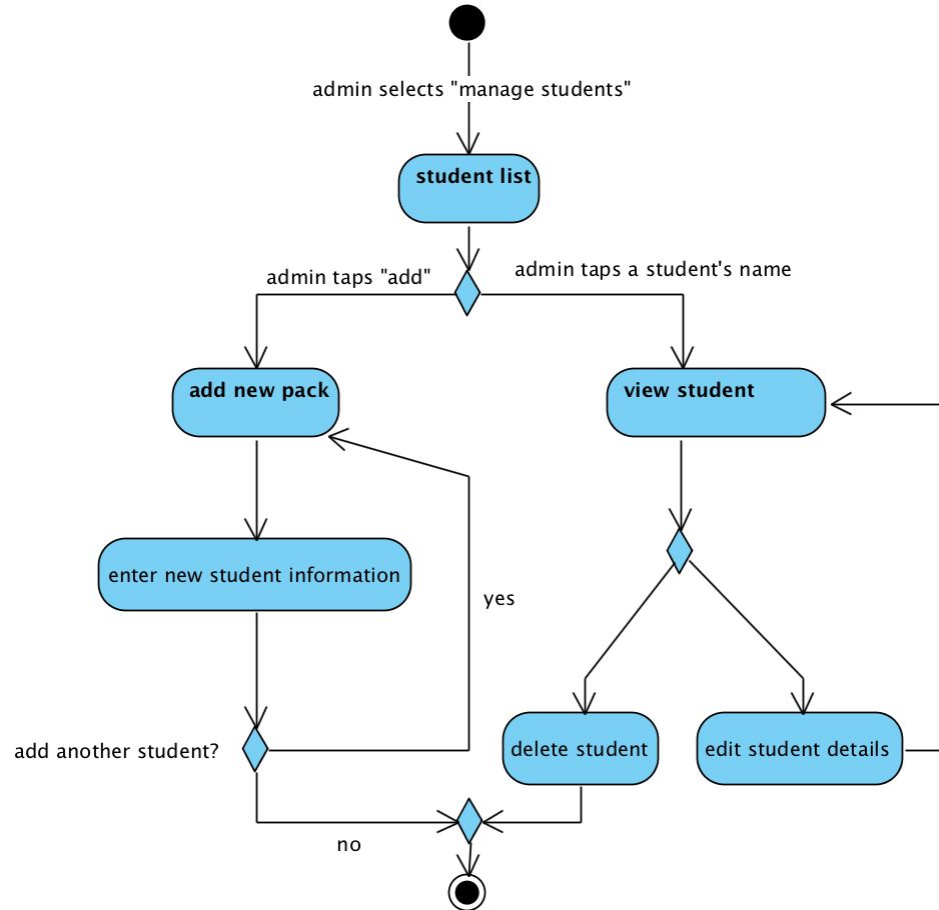
Student Views Results



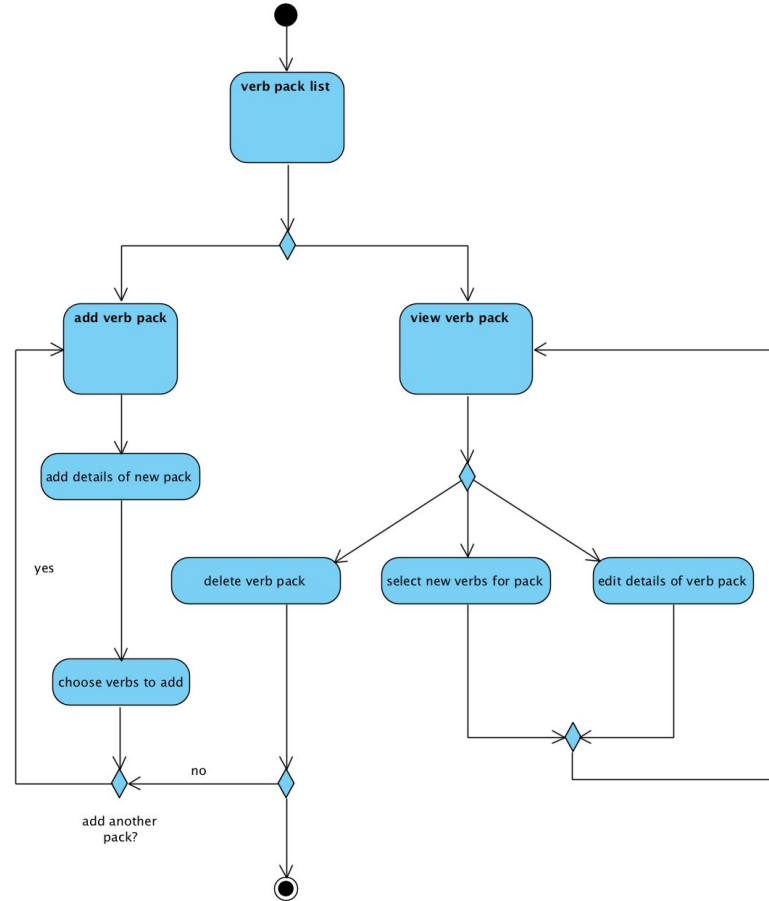
Student Plays Verb Pack



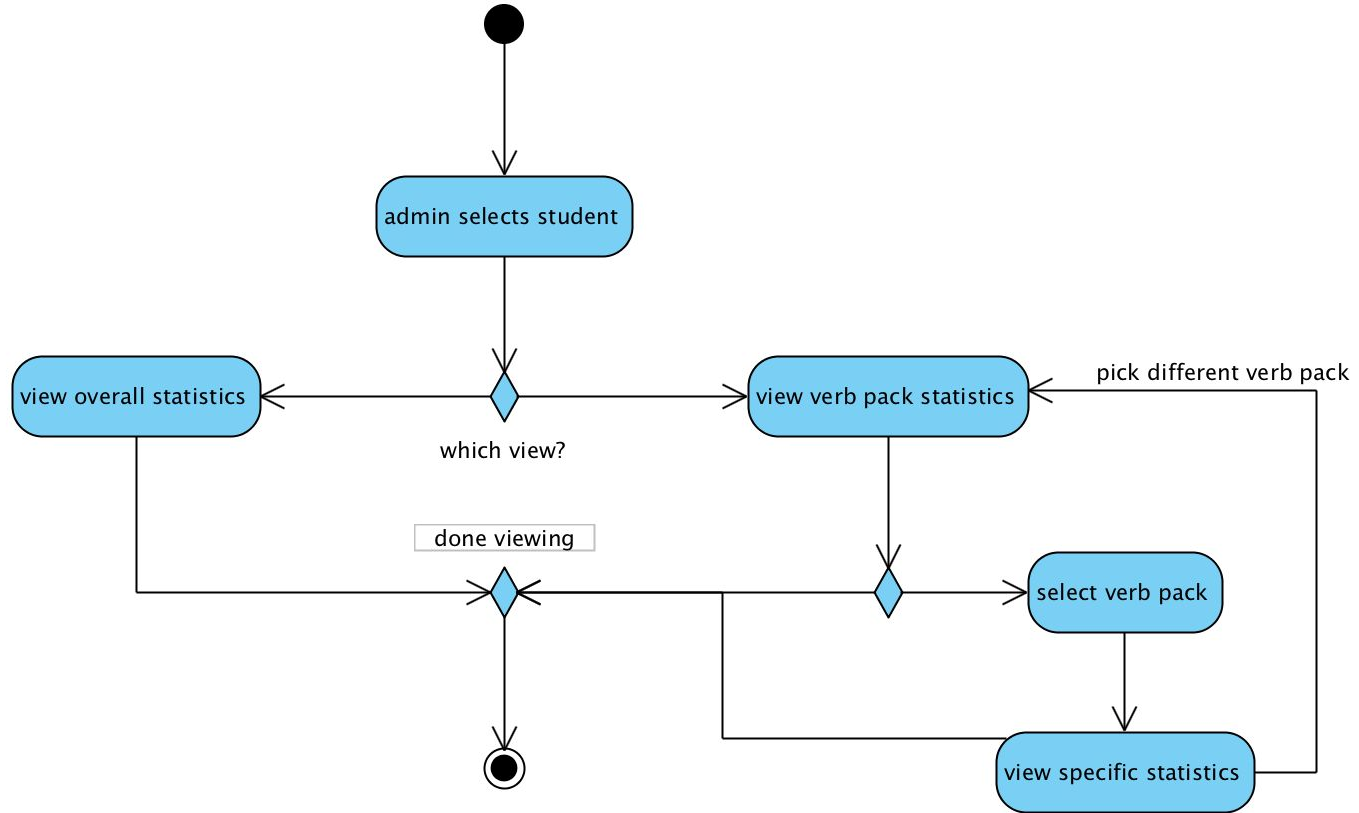
Manage Students



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?