Must be able to handle synonyms

Logically equivalent structures must be graded the same

Subtree might be correct but it might be in the wrong place

* Algorithm must be able to give this partial credit

Analyze trees leaf 🡪 head

Student submit a tree and give immediate feedback

* Learning/homework mode
  + Number + Give feedback to students immediately when doing homework
* Grading mode
  + Give a number

Should store the trees so that he can see them later, how many attempts

Like nodes can be collapsed and compared logically

* Tree collapsing

WordNet for synonyms?

Triangles for outcomes (sometimes)

Decision – square

Circle – chance

Loss

* Algorithm should probably be harsh grader under the condition that it analyzes subtrees effectively

**Major parts of the project**

* Analyze logical equivalence of trees + feedback
* Website were Herrmann can submit assignments and see class progress
* Workflow to create the tree on the website (for hw assignments)
* A feature that you can take a picture of the tree and have computer vision to decompose the picture.

Taking a picture should be a feature, but not the main point of the project

Early next week

* How different chucks will be parsed out
* When is each chuck going to be done
* Who is doing what
* Have some idea over the next few weeks how the thing is going to look at
* “lets meet at this **point** when ‘this’ is done”
* he wants to know soon when that’s going to be