

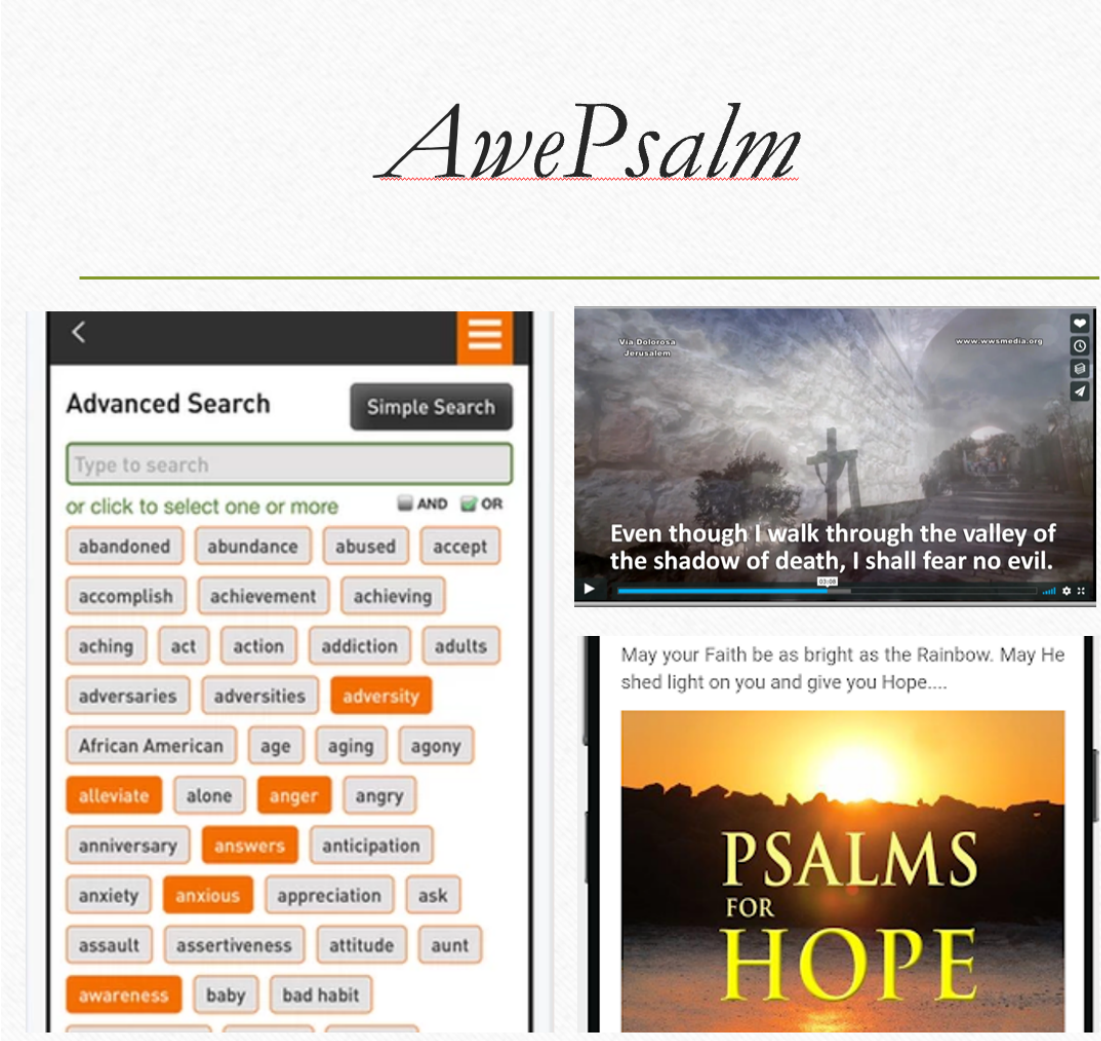
# ENGAGE THE PSALMS

## A SCRIPTURE APP

CS 201 INTRODUCTION TO HUMAN-COMPUTER INTERACTION  
FALL SEMESTER, 2019  
STUDENT: SETH HOWELL  
INSTRUCTOR: DR. DERRICK TATE

### USER RESEARCH: BENCHMARK EXISTING PRODUCTS AND COLLECT USER NEEDS

#### APP BENCHMARKING



##### Features:

- Search for plans, key words, and topics
- Watch, read and listen
- Track progress for psalm lesson plans
- Personal journal

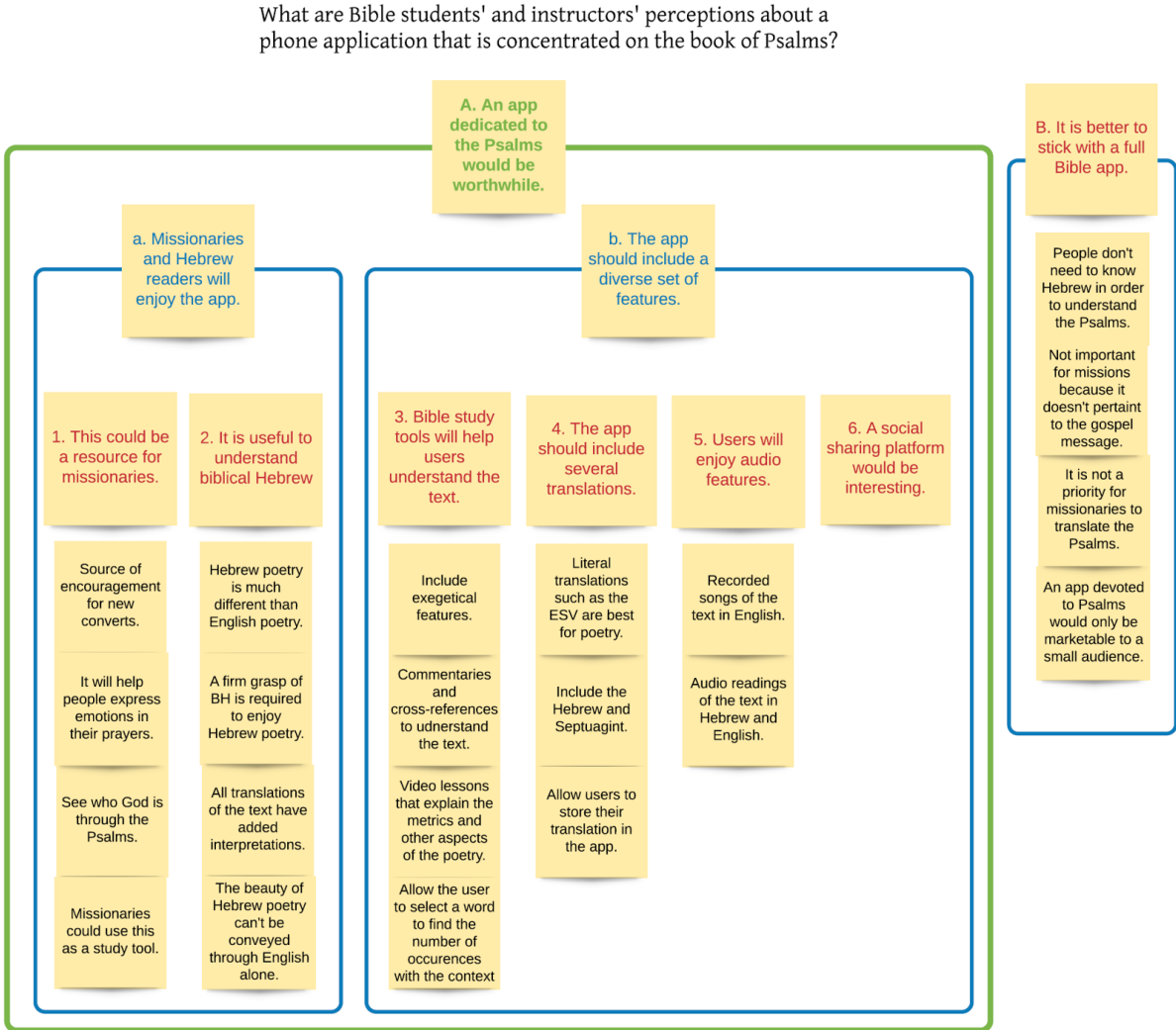
##### Pros:

- Versatile
- Visual images & videos
- Searchability
- Multiple languages
- No ads

##### Cons:

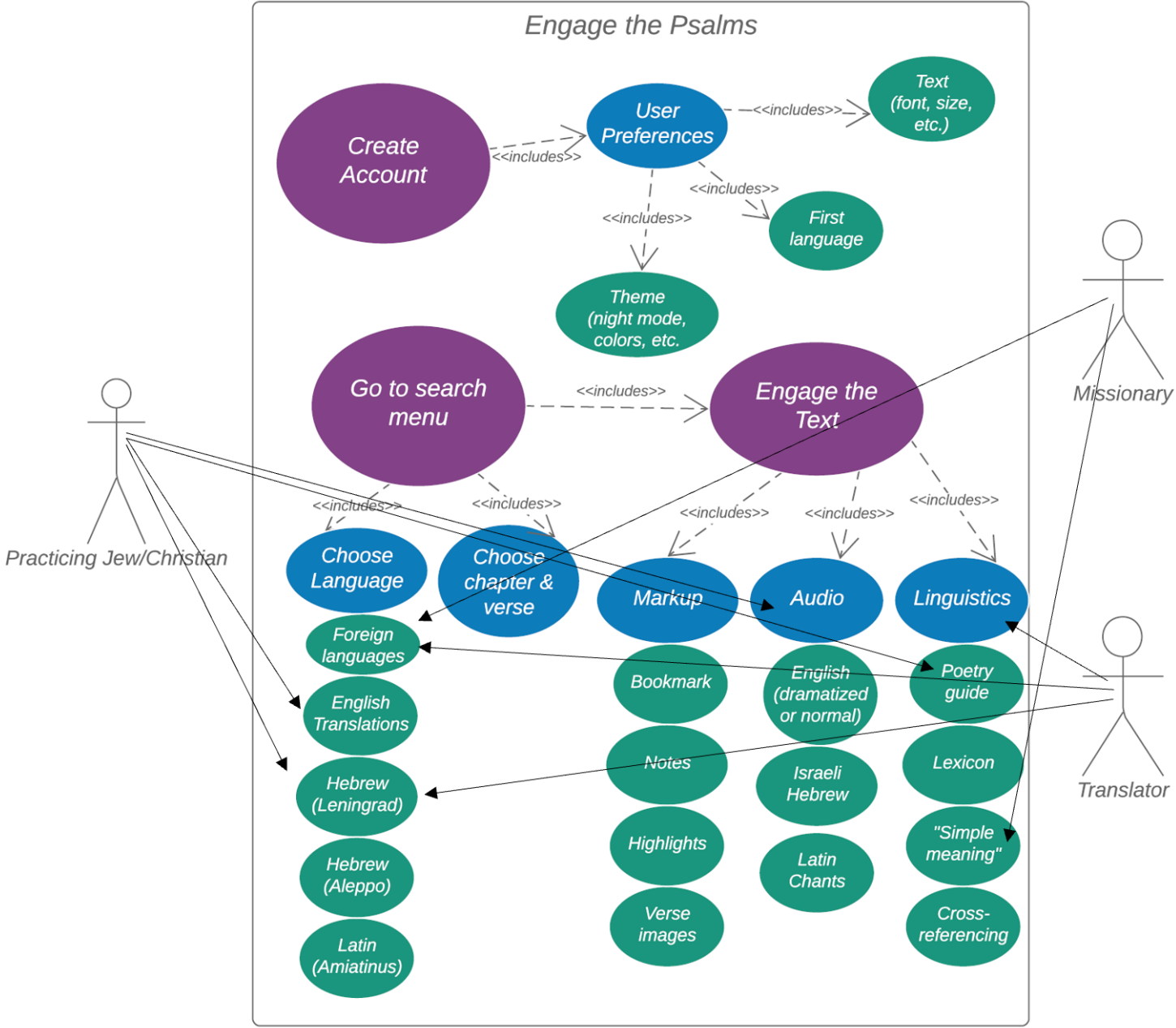
- Reading interface
- Lacks Heb. perspective

#### KJ DIAGRAM



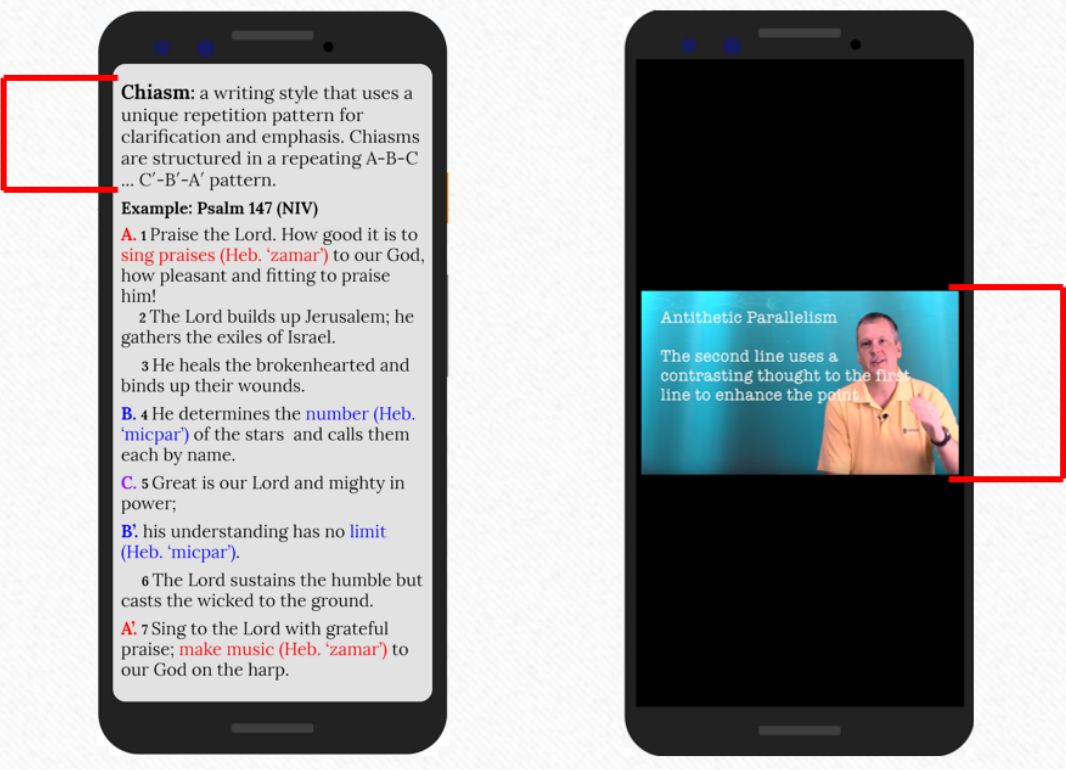
### MODELLING & TESTING: CREATE PROTOTYPES OF APP FUNCTIONS & GET USER FEEDBACK

#### USE CASE DIAGRAM



#### TESTING RESULTS

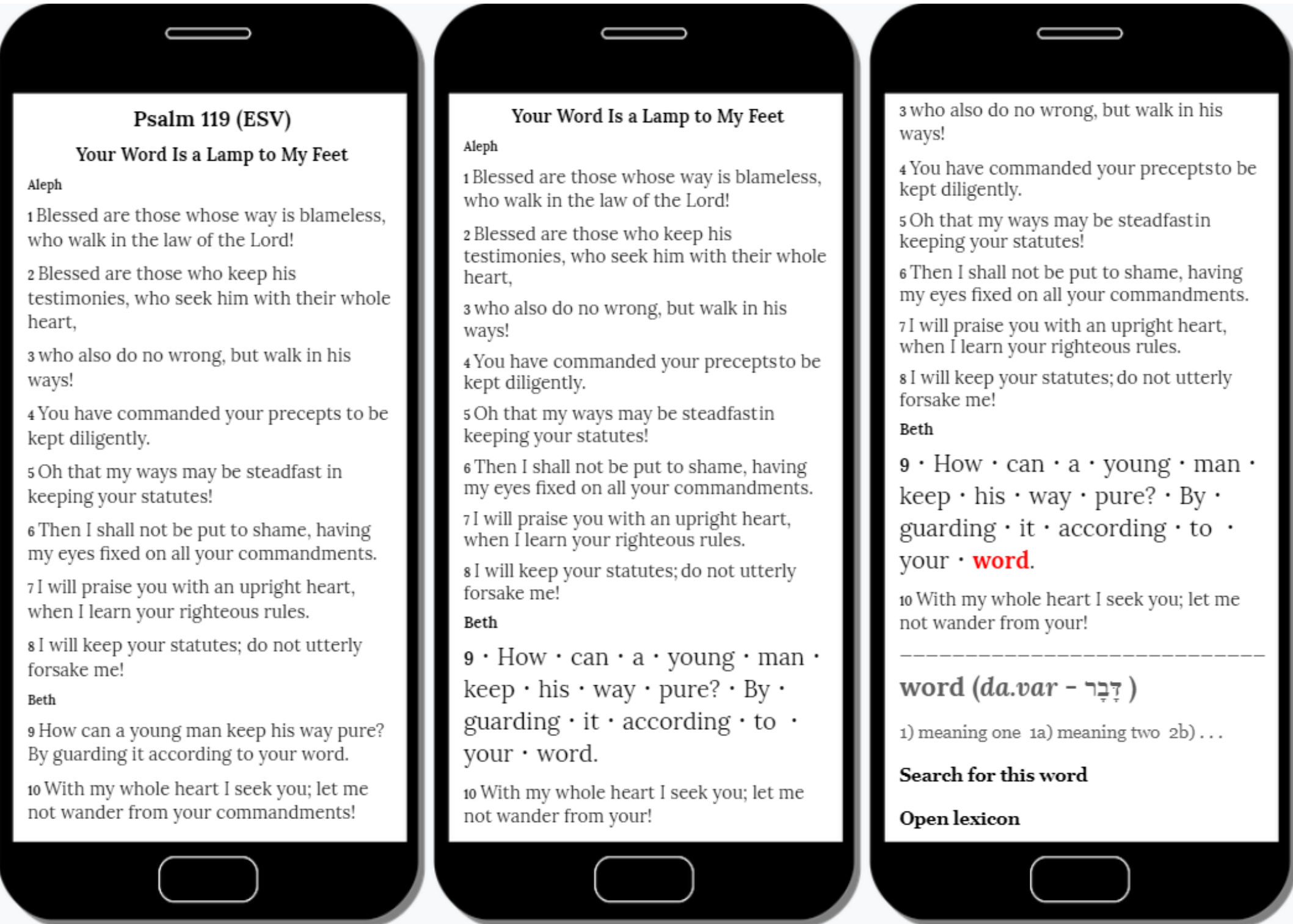
### Poetry Lessons Feedback



- Effectiveness:**
  - 1/4 students voted for the original prototype.
- Appeal:**
  - 4/4 students voted for the alternative prototype.
- Comments:**
  - The textual lesson would better suit logical learners.
    - "It cuts straight to the point and doesn't have extra words like the video."
    - "It immediately shows me if I was correct in finding a poetic element."
  - The video lesson is better for visual/verbal learners.
    - "It allowed me to apply the concepts to the text rather than showing me right where the poetic features are."
    - "The video gave great explanation and examples."
  - The video was more engaging/interesting than the textual lesson.
  - "It would be best to have both features: use the video tutorial as default, and then let the user access the textual examples in the Scripture."

### FINAL DESIGN: APPLY USER FEEDBACK TO PROTOTYPES & IMPROVE AESTHETICS

#### WORD SELECTION



#### HEBREW POETRY LESSON

