Q4: User Stories

1. As a kindergarten child, I want to have very specific voice/picture guidance from the start to the end (and under parent/teacher's lead) in order to complete all assessments

Acceptance Criteria: **Given** I am doing my assessment **when** I feel like there is a grown-up patiently encouraging me and guiding me through all the questions **then** I will be motivated and not get confused by the instruction.

2. As a kindergarten child, I want to name the things on pictures in Spelling assessment as quickly as possible so that I can submit my recording of the words to be evaluated by AI.

AC: **Given** I just started Rapid Naming assessment **when** I can see all the pictures **then** I can name all words after one by one.

3. As a kindergarten child, I want to fill in the blanks with given letter(s) correctly to form a simple word which has meaning of the given pictures and voice hints.

AC: **Given** I just started Spelling assessment **when** I see some incomplete words with pictures as well as some possible characters to fill in **then** I can fill in the blank with given characters.6.

4. As a kindergarten child, I want to choose the correct pictures in order to make sure my chosen picture matches with what my AI buddy described and the difficulty will increase each time.

AC: **Given** I just started Phonological Awareness assessment **when** I see some pictures and my AI buddy will say a word **then** I can find the related picture.

5. . As a kindergarten child, I want to have multi level challenging assessments in order to further determine my capabilities.

AC: **Given** I was doing well on current level assessment **when** next time I will have a harder assessment **then** my capability will be further investigated

6. As a kindergarten child, I want to have assessments with the same topic but different content every 6 months from age 4 to age 6 in order to let people see my improvement scale.

AC: **Given** I finish my current assessment **when** I will have another one after 6 months **then** my improvement will be tracked

7. As a kindergarten child with not enough fundamental knowledge, I want my

assessments to be suspended as soon as possible so that I have no hurt feeling

AC: **Given** I am having hard time doing the assessment **when** my assessment will be terminated immediately **then** my feeling will not be hurted

8. As a parent or teacher, I want to see children's test data stored in database so that I can view them in dashboard after they are graded by AI

AC: **Given** that the child has done the assessment **when** his answers will be recorded **then** I can check their performance later

9. As a kindergarten child, I want my access to the assessment to be found in teachers' or parents' account so that I can do it with their help

AC: **Given** that the child want to do the assessment **when** his parents or teachers will open their account **then** I can have their help

10. **As a** kindergarten student, **I want to** engage in fun, quick, and interactive activities
while feeling like I am watching a cartoon and interacting with it in a low-stake environment **so that** I can learn something new.
AC: **Given** I start working on tasks **when** I feel like I'm interacting with a fun cartoon show **then** I will engage and complete the tasks, and also try to learn so that I can improve next time

11. **As a** kindergarten student, **I want to** interact with the user buddy such that the user buddy is happy, caring, and patient with my learning **so that** I feel safe interacting and learning with the user buddy. (Side: I imagine the user buddy somewhat like Dora the explorer, but when the child responds, Dora actually understands and responds back to her!)

AC: **Given** I start interacting with my user buddy **when** I feel like I'm interacting with a fun cartoon character who knows me and cares for me, and understands me **then** I will engage and complete the tasks, and also try to learn so that I can improve next time.
12. **As a** kindergarten student, **I want to** interact with the user buddy such that the user buddy is happy, caring, and patient with my learning **so that** I feel safe interacting and learning with the user buddy. (Side: I imagine the user buddy somewhat like Dora the explorer, but when the child responds, Dora actually understands and responds back to her!)

AC: **Given** I start interacting with my user buddy **when** I feel like I'm interacting with a fun cartoon character who knows me and cares for me, and understands me **then** I

will engage and complete the tasks, and also try to learn so that I can improve next time.

13. **As a** kindergarten student, **I want to** have lots of time to play and watch the tutorial cartoons first to understand what is going on before entering the assessment **so that** I feel confident to answer the questions and not feel worried or ashamed of myself while doing the assessment.

AC: **Given** I start interacting with the task cartoons **when** I feel like I'm learning something new, and figuring out puzzles **then** I will feel confident and happy and will engage and complete the tasks with joy.

14. **As a** kindergarten student, **I want to** engage in different tasks with different activities each time so that I feel engaged and have fun **so that** I do not repeat the same tasks every time and feel bored of the assessment.

AC: **Given** I have completing the assessment **when** I feel like I'm watching a short cartoon, that the characters talk back to me (side: consider using real cartoon characters like Dora) **then** I will have fun, and feel like I am playing games and watching cartoons rather than completing the assessment and I will engage and feel safe.