StoryTime:
Eliciting User Preference from Children for Book Recommendations

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Context

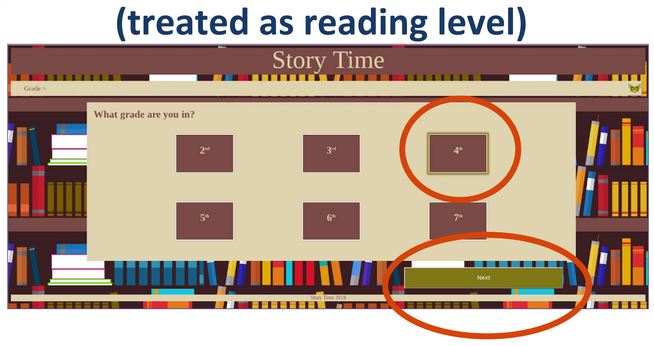
Reading is important for children to excel at learning

Recommender systems (RS) can help children find books that are engaging and match their reading skills

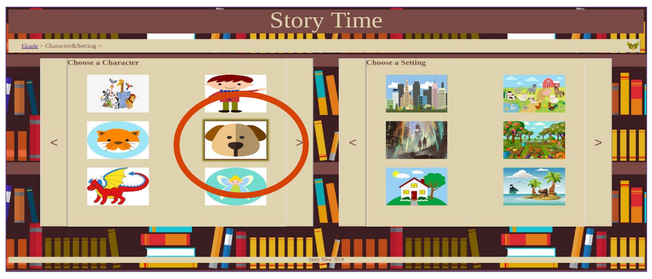
Traditional strategies for RS require historical data which is difficult to obtain for children

System Overview

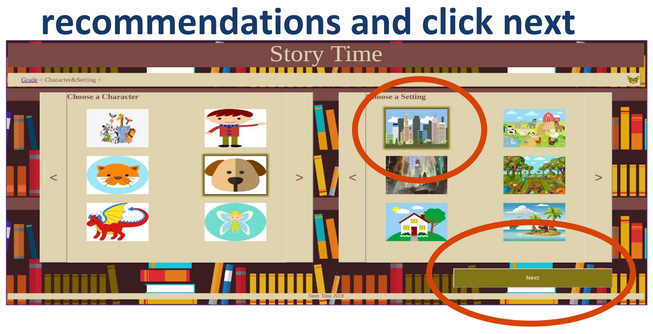
Indicate grade level (treated as reading level)



Select a character, represented using images

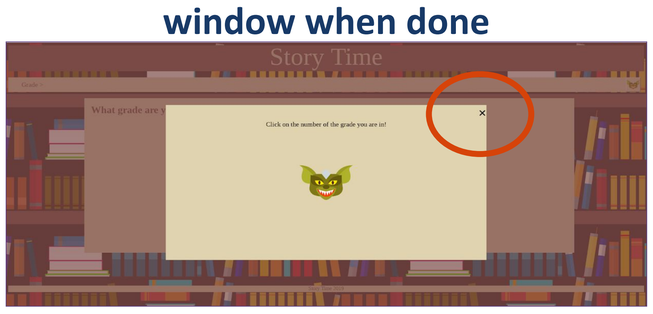


Select a setting, which will be combined with the character to provide recommendations and click next

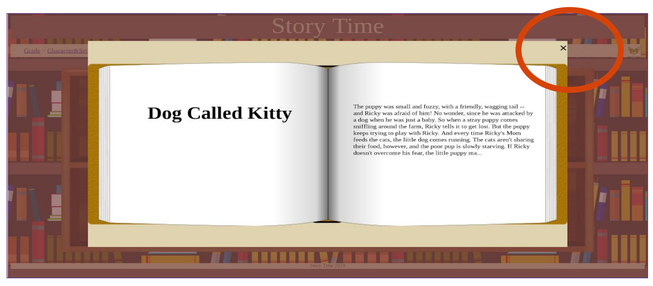


Explore recommendations which are based off stated preferences. Chose a book to see a summery

Click on "Bookie the Book Gremlin" at any time to get help and close the window when done



Close the window to go back to the shelf of recommended books



Return to the grade or selection pages at any time using the menu

Future Work

- Adapt the site to work seamlessly on multiple platforms
- Perform in depth user studies and evaluations to streamline the environment
- Expand to account for preference evolution

Acknowledgements

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