

Case Study

Create Stories. Learn Better. Speak Confidently.



storyscroll

Innovative learning modern learner

It is a long established fact that a reader wil by the readable content of a page when.

Login As

Register As

Choose Your Role

Student ✓

Parent

Teacher

Continue

Register

Name
peter

Your Email
peter@gmail.com

Parent Email
mayra@gmail.com

Pattern

^	^	^	^
v	v	v	v

Already have a account? [Login Now](#)

Register



We Help Your Ideas Grow

Canws is a software development studio that builds scalable, design-led digital products. With 8yrs of expertise and over 300+ projects shipped with a top rating of 4.9★. We combine strategy, design, and engineering to turn complex ideas into market-ready solutions. Fast, reliable, built for long-term growth.

The Challenge

Traditional learning methods often fail to keep children engaged in language development and storytelling activities. Teachers struggle to monitor student speaking performance effectively, while parents have limited visibility into their child's progress.



Client
Story Scroll



Domain
EdTech / AI Learning Platform



Engagement
End-to-End Build



CLOUD
AWS



The Feature Offerings



AI Story Generation

Kids can generate creative stories using AI-powered prompts integrated with assigned vocabulary words.



Voice Recording

Children can record their stories, and recordings are validated using speech recognition technology.



Role-Based System

Three user roles were implemented: Parent, Kid, Teacher
Each role includes customized permissions and dashboards.



Teacher Dashboard

- Assign vocabulary words
- Review completed stories
- Validate recordings
- Analyze student performance



Parents System

- Track child progress
- View learning activity
- Manage subscriptions
- Receive notifications and updates



Performance Analytics

- Word usage accuracy
- Story completion rate
- Recording validation performance
- Overall learning progress



Design and development

Product Design & User Experience

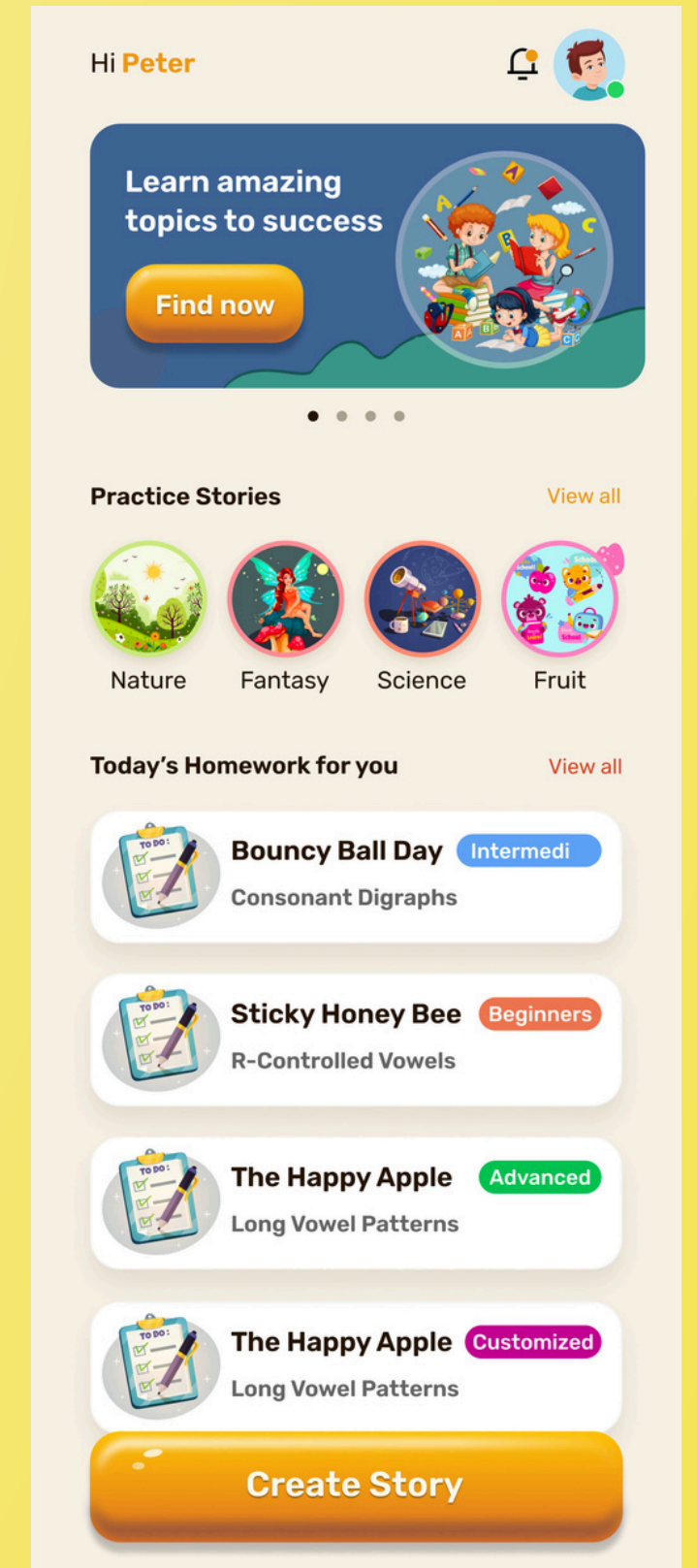
We designed an engaging and child-friendly user experience focused on simplicity, interaction, and accessibility.

Design Highlights

- Interactive storytelling interface
- Kid-friendly UI components
- Easy voice recording process
- Simple navigation for parents and teachers
- Mobile-responsive design

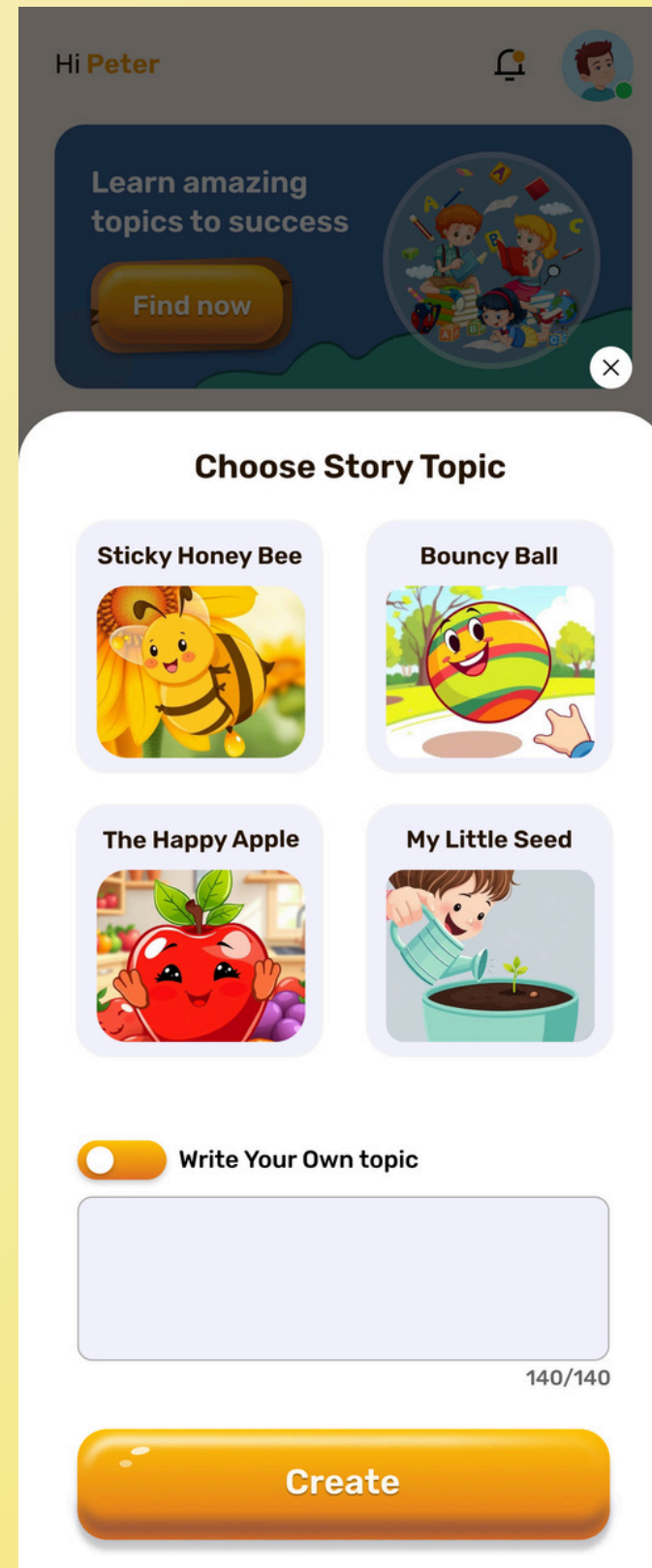
Design & Development Scope

- User Research & Learning Flow Design
- High-Fidelity UI/UX Design
- Teacher & Parent Dashboards
- AI Storytelling Experience
- Recording & Validation Interfaces



Architecture & Delivery

We built a scalable AI-powered learning platform capable of handling story generation, voice recordings, speech validation, role-based access management, real-time progress tracking, and analytics dashboards — all securely deployed on AWS infrastructure.





AI Story Creation

Generate stories using smart AI prompts.

Voice Validation

Analyze pronunciation and speaking accuracy.

Teacher Dashboard

Manage students and review submissions.

Parent Tracking

Monitor child progress and activity.

Role-Based Access

Separate access for parents, kids, and teachers.

Analytics

Track learning progress and word usage.



What We Can Build For You

With a 10+ year experienced team and 20+ products shipped, we're ready to be your end-to-end tech partner.

AI Storytelling Platform

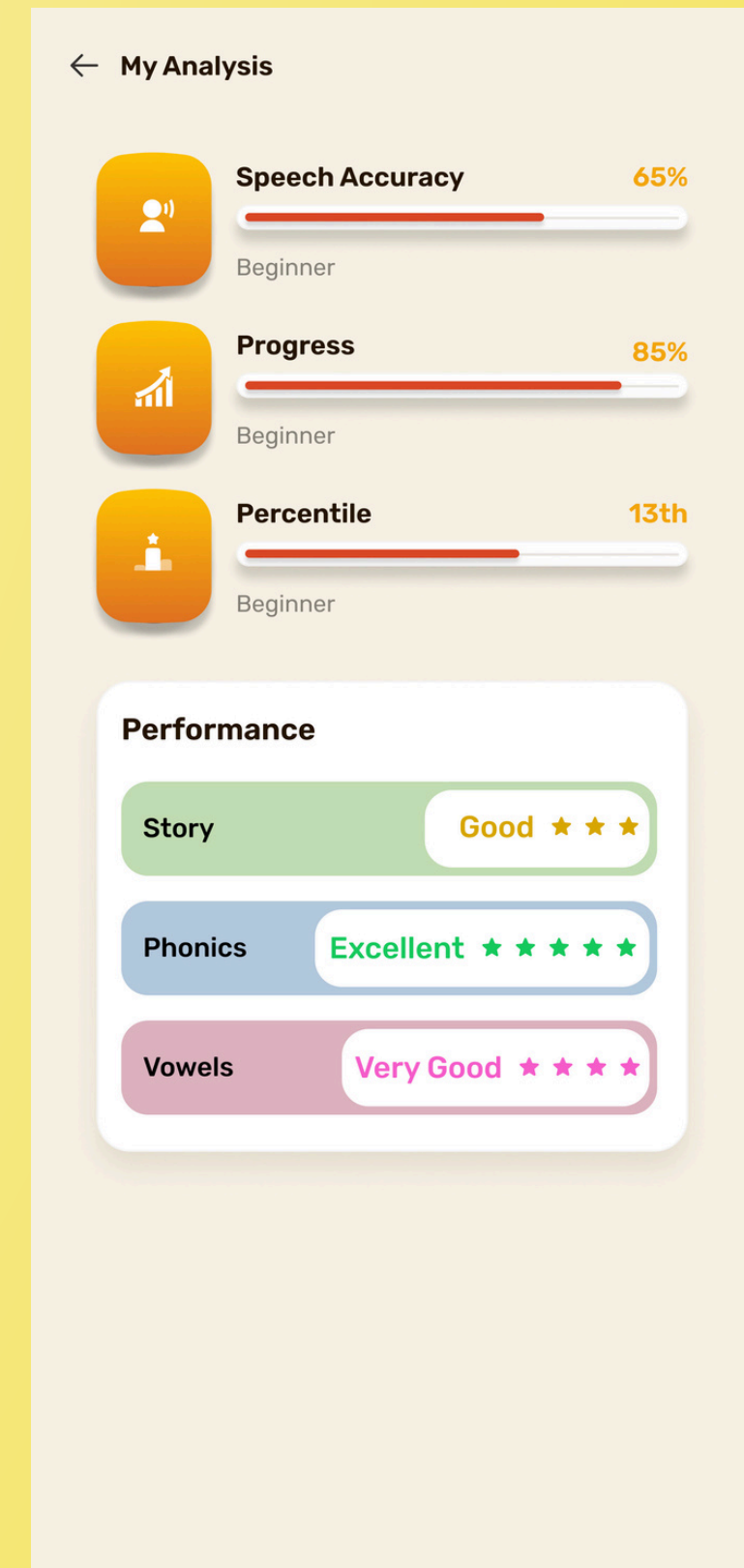
Voice Recording & Validation

Teacher & Parent Dashboards

Role-Based User Management

Kids Learning Analytics

Interactive Reading Experience



Mockups

← Homework Status

 **Bouncy Ball Day** Intermediate
Consonant Digraphs

Missed Word

Breeze Birds Dance

Mispronounced Word


Around

12/18 Good ★

View Story Analysis

Hi Parent




Student 1
3rd Standard
[View](#)





Send Invites to your kids

← View


 **Peter** Pending Task: 2
3rd Standard Completed Task: 12


Completed View all

 **Bouncy Ball Day** Intermediate
Consonant Digraphs

 **Sticky Honey Bee** Beginners
R-Controlled Vowels

In Progress

 **Bouncy Ball Day** Intermediate
Consonant Digraphs

 **Sticky Honey Bee** Beginners
R-Controlled Vowels

View Kid Analysis

← Story Analysis

Speech Accuracy 82%

Accuracy 93%

Performance

Story Good ★★ ★

Phonics Excellent ★★ ★★ ★

Vowels Very Good ★★ ★★ ★



Mockups

Hi Teacher



Student List

Search...



Student 1
3rd Standard

View/Assign



Student 2
3rd Standard

Invited



Student 3
3rd Standard

Invite +



Student 4
3rd Standard

Invite +

Hi Teacher



Peter

3rd Standard

Pending Task: 2

Completed Task: 12

Completed For Review

[View all](#)



Bouncy Ball Day Intermediate

Consonant Digraphs



Sticky Honey Bee Beginners

R-Controlled Vowels

In Progress



Bouncy Ball Day Intermediate

Consonant Digraphs



Sticky Honey Bee Beginners

R-Controlled Vowels

Assign Phonic Skills

← Story Analysis

Speech Accuracy

82%

Accuracy

93%

Performance

Story

Good ★★★

Phonics

Excellent ★★★★★

Vowels

Very Good ★★★★★

← Homework Status



Bouncy Ball Day Intermediate

Consonant Digraphs

Missed Word

Breeze

Birds

Dance

Mispronounced Word

Around

12/18

Good ★


View Story Analysis



Let's Build Something Impactful

Have an idea, a challenge, or a product to scale?

Let's collaborate and bring it to life.

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