



Developing an English Learning Game using AI Tools

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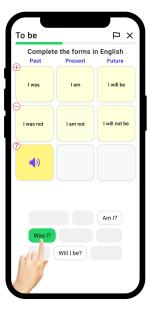






- Learn English
- Play a game
- Rhyme irregular verbs
- Conjugate all verbs
- Video game













- Conjugation:
 - Regular verbs
 - Irregular verbs
 - Past, present, future
 - Simple, continuous, perfect, perfect continuous
 - Positive, negative, question
 - Multiple languages: EN, DE, RO, IT, ES, others planned
 - ~50% success rate
- Rhymes for irregular verbs
 - The 3 irregular verb forms
 - Rhyme with your native language: DE, RO, IT, or ES
 - ~5% success rate



Speech to text, text to speech



- Natural Language Processing (Speech To Text)
 - Microsoft Azure (paid API)
 - Google Cloud (paid API)
 - Amazon Web Services (paid API)
 - OpenAI Whisper (paid API/free local)
 - Vosk (free local)
 - CapCut (paid local)
- Voice generation (TTS)
 - Microsoft Azure (paid API)
 - Google Cloud (paid API)
 - Amazon web services (paid API)







- AMD Epyc processor on rented server
- Personal PC/laptop using
 - CPU
 - GPU
- Custom build PC, using Nvidia GTX 4080
- Custom build PC using TPU (untested for now)







Collaboration inquiry/offer



Open for

Research collaborations,

Knowledge transfer

Product development

Thank you!

