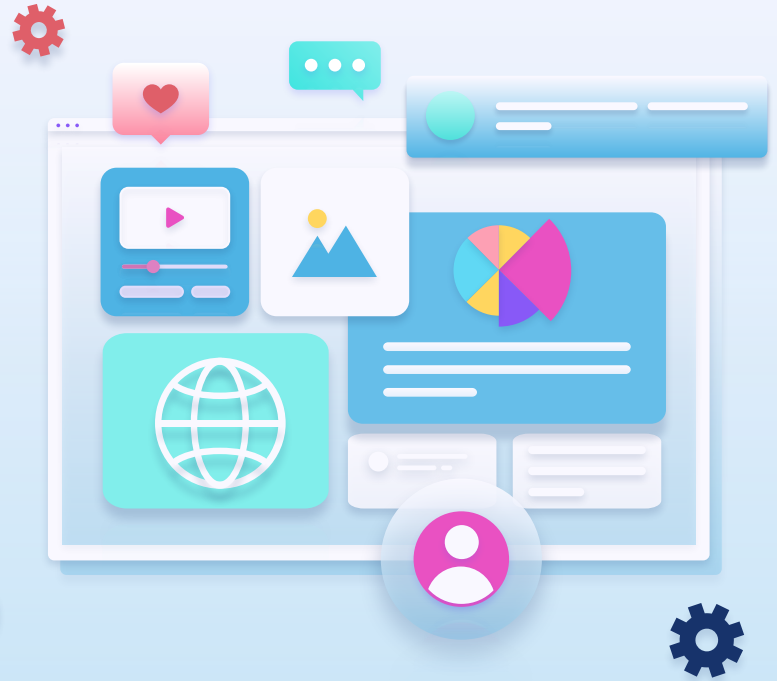


Senior Digest

News Made Easy: Keeping Seniors
Connected and Informed

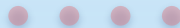


Problems



Digital Literacy: A lack of familiarity with digital platforms, including social media and news websites, can make it difficult for elderly individuals to access current news.

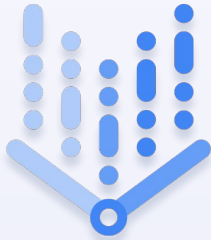
Sensory Impairments: Age-related issues like visual impairments can hinder the ability of elders to read news from their mobile devices.



Technologies used



Google
VertexAI



LLM,
Embeddings,
Speech & Text
APIs

Trulens



trulens

QA/QS
Relevance,
Groundedness

Gspread



Store
generated news
summaries and
metadata

Pinecone



Store news
embeddings
over a period



Applications



Elderly

Easy to interact with simple UI and can ask questions



Visually Impaired

Voice assistant news provider, with auditory feedback.



Busy professionals

quick, summarized news in hectic schedule





Future Prospects



Task Scheduler

Run update-daily-news script in Google Cloud Scheduler



Smart Home Integration

Allow visually impaired to interact with voice assistant seamlessly



Cloud SQL

Migrate DB to Google Cloud SQL for faster information retrieval.



Personalization

Implement LLM agents to identify user preferences.

