

Developing an App to collect data for people at risk of Alzheimer's Disease

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Status Check Mar31th

- **Accomplishments**

- Finished News Generation Module.
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- Finished Audio recording Module as a Flash App.
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- **Challenges**

- Need to figure out a way to store audio files[In Json files Or into MongoDB?]. Currently, I plan to record Audio information (Text, length, audio time, audio file directory, etc) as FHIR resource and save as json files. The audio file would be saved to a server directory.

- **Sprint Plans**

- I'm working on FHIR data model to integrate the finished modules for application deployment the coming weeks.
- Work on a simple/demo prediction model for cognitions from Audio files.

Reference:

1. <https://github.com/smart-on-fhir/client-py>
2. <https://pypi.org/project/fhir.resources/>
3. <https://build.fhir.org/resourcelist.html>