Project	Intended use for Impact statement	Impact statement:	Headline (<20 words, < 30s if read outloud):
HEALD	Both	More than 20,000 hospital admissions occur every year in the United States for patients with cirrhosis due to progression of hepatic encephalopathy. Approximately 40% of these admissions could be prevented via medications if their progression is detected early enough. Currently there is no way to both accurately and practically track encephalopathy in its early stages. We have a way to monitor early mental status decline every day at home in the form of an app-based tool that feeds multimodal inputs into a machine-learning algorithm to guide treatment.	A novel app-based tool using machine learning to guide patients with cirrhosis on how to manage their hepatic encephalopathy at home.