LAIRHUB – Lab Meeting

September 06, 2024

Participants: Aravind, Paris, Divya, Nibras, Sunny

Project Updates

Project	Project Associate	Updates / Action Item	Resource/ Notes
	Nibras	- ONGUARDM - Work on baseline accuracy from OCR (aiming for 95%) - Try some existing methods for disambiguation **Prepare the draft paper for IEEE – ICHI by October 2024** - Our topic would patient engagement and experience in healthcare under **human-centered computing** - This is a tool in healthcare which primarily facing the patients. There are many apps that designed for nurses or doctors. This tool specifically designed for patients or to keep track of their medication. The app will also provide reminder/ordering of taking medication. - We are trying to address and think the problems below: - Sometimes patients go to the pharmacy but unable to find the exact medication. The pharmacist provide suggestions for the equivalent medication/generic version of medication and the app will verify whether it is correct. - The system should also recommend for the nearest pharmacy/ comparative pricing between different but equivalent medication that will add value to the people from different income group - The sandwich generation (who take care of both parents and children) – different profiles for managing medications for parents and children - Also feature on some medication should not be taken together, or should be taken after or before meal. - Every medication has a story. Those stories need to be folded into tool. So, it becomes a living, breathing application that we can live with, offload our cognitive burden onto this tool. • Find the ICHI proceedings for last 4-5 years. • Look for similar paper or poster from ICHI (last four/five years proceedings) • Use prescriptions as a prefix or suffix when using query terms • Facing patient-oriented tools, patient engaged tool (Find papers about development of system, tools, application, decision aid for patients)	

		• ACM, IEEE Digital library, Scopus, Inspec (The institution of engineering and technology), WOS (put the URLs under publication as a submenu (rename to articles) – LAIR publications, other databases)	

	Aravind	• Be able to verified patties database under functionality of clustering with RSS feed
		   ▪ New York times, Gaudian, CNN
		   ▪ Each of them have 20 categories
		• Deploy the Online
		• Prepare the conference short paper/demos: CHIIR 2025 (Oct 31)
		   ▪ Make News version of system to website version work with Nibras
		   ▪ URL: Showme.news
		   ▪ Using the RSS Feed categories as a cluster label consistently
		   ▪ Deploy the eye tracking (eye gaze); combine eye tracking and search interaction in the same platform	

	Paris	• Help CHIIR 2025 with Aravind • IRB • Will set up the 1:1 meeting with Javed	
	Divya	• Help for Medical Healthcare System, Nibras • IRB • Will share the slide deck	

- Target date for the Conference Paper draft version: End of October 2024
- Upcoming Conference Info: https://lairhub.com/conference/
- IRB
- SIGIR 2025 – We can try the SIGIR 2025 if we missed CHIIR. May be End of January