

LAIRHUB – Lab Meeting

September 16, 2024

Participants: Nibras, Sunny

Project Updates

| Project | Project Associate | Updates / Action Item | Resource/ Notes |
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| | Nibras | <ul style="list-style-type: none">• Complete the authentication process for etta.lairhub.com for uploading custom dataset• Prepare a data model for Care4Min and demonstrate on 20 September 2024• Adding the menu: Data & Software between Article and Meetings and Presentation• PATTIE<ul style="list-style-type: none">○ Complete and release registration/login process○ Complete the “Spring embedding” into the UI• ONGUARDM<ul style="list-style-type: none">○ 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<ul style="list-style-type: none">▪ 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:<ul style="list-style-type: none">▪ 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. | |

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| | | <ul style="list-style-type: none"> ▪ 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) <ul style="list-style-type: none"> • 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) | |
| | Sunny | <ul style="list-style-type: none"> • DCDI <ul style="list-style-type: none"> ▪ Mailchimp: send out the promotion email to prospect people ▪ Sharing the DDCMI 2022/2023 full registration info with Javed • Check the process, orientation, documents, managing for Postdoc in FOI • Care4Mind <ul style="list-style-type: none"> ▪ Working with Nibras, and check the ERD and attributes | |