

LAIRHUB – Lab Meeting

July 05, 2024

Participants: Nibras, Shamayla, Annie, Divya, Paris, Aravind, Sunny

Project Updates

Project	Project Associate	Updates / Action Item	Resource/ Notes
Intelligent Tutoring System	Annie	<ul style="list-style-type: none">• Implemented the algorithm that prof Javed mentioned his paper• Deployed front-/back-end• Action Item<ul style="list-style-type: none">○ General User perspective UI design.○ Using Screen Shot, explain what the system trying to do	
Scatter Gather	Aravind	<ul style="list-style-type: none">• Get a log of papers in DH• Papers contains abstract, title and a lot of information like venue, conference..• Import into Postgres DB• PATTIE website use API to be able to search for papers; aim to DCDI Conference• Trying to get the PATTIE interface to work with Postgres on the backed aspect• Define our workflow• JC DL, deadline at the end of this month• Javed Comments:<ul style="list-style-type: none">○ Nibras is working on a very similar system. need both systems because these are experimental system. And will try different things on these two different systems. Nibras code, you can use.	
Information Addiction	Paris	<ul style="list-style-type: none">• Submitted our proposal to ARIST, and in the progress of hearing back• Researched guidelines for JSIST for review papers• be going to the reference list from Book; anxious generation• Javed Comments:<ul style="list-style-type: none">○ JSIST is Plan B○ We will wait and recontact for ARIST, If we don't hear then we will retract it form scholar one.• Action Item<ul style="list-style-type: none">○ Want to collect good reference; go through the references in the book that was just published, make three buckets-Inside the scope, seems like it's in the scope, out of scope and share with prof Javed○ Have to on the same page; the scope of review papers○ Read the proposal	

Neuro-Information Search	Divya	<ul style="list-style-type: none"> • Doing research on last time meeting <ul style="list-style-type: none"> ○ Conducted research on using eye tracking to diagnose/understand ADHD and autism ○ Found substantial research comparing children with brain trauma to normative children ○ Eye tracking reveals issues in visual processing, attention, and working memory in children with brain trauma ○ Noted difficulties in maintaining eye contact, attention, and stable eye movements in affected children ○ Observed a lack of standardized diagnostic parameters across studies • Javed Comments: <ul style="list-style-type: none"> ○ We are interested in broadly compromised cognitive condition ○ We want to use behavior; how do we identify cognitive compromised-eye behavior; classification how can we detect the eye behavior • Action Item <ul style="list-style-type: none"> ○ Create the Framework focus on trauma only 	
DC Data	Nibras	<ul style="list-style-type: none"> • Working on identify author relationship to PATTIE. Will uploaded everything on humanities.lairhub.com within 1-2 days • Will update workflow • Working on Author vs Topic • Action Item <ul style="list-style-type: none"> ○ If you don't mind share the code with Aravind ○ Set up the domain: dcdi.lairhub.com / humanities.lairhub.com 	
GitHub Analysis	Shamayla	<ul style="list-style-type: none"> • New research idea: different types of field; gender to gender and scientific innovation of women <ul style="list-style-type: none"> ○ looked into the Journal: ○ female/male lead collaboration: papers saying that female lead collaboration received less citations than male lead collaboration ○ didn't find: collaboration between developing and developed countries the international collaboration ○ for gender papers: Italian government has gender information ○ concern: find the information where an author's from • Javed Comments <ul style="list-style-type: none"> ○ Focus down to women engagement in science • Action Item <ul style="list-style-type: none"> ○ Step 1: active area of STEM-where women tend to be more involved ○ Step 2: determine how many of these women have ethic names 	Sugimoto Cassidy