

WEEKLY REPORT

Group name : May14-26	Date:9/16/13
Client/Advisor:Santosh Pandey, Ludovico Cademartiri, Rebecca Cademartiri	
Attendees/Role Riley Brien - rjbrien@iastate.edu CheeKang Tan(C.K) - kang1007@iastate.edu Taejoon Kong(TJ) - tjkong@iastate.edu Qi Sun(Chad)- newagainsq@gmail.com Nick Dudak - ndudak@iastate.edu Ben Hagarty - bhagarty@iastate.edu Charlie Sun - sunjingxuan8996@gmail.com Jared Anderson jareda@iastate.edu	Leader Paper subgroup leader Web developer Weekly Reports

ACCOMPLISHMENTS FOR PAST WEEK

WHAT	WHO	WHEN
Separated group into groups and created team leaders	All	Friday
Searched and found LCD components at a cheaper price	Riley	
Prepared multiple screens and began separation of the active matrix array.	Jared	All week
Created a weekly meeting to review publications and meet with clients	All	Friday
Review the articles about digital and paper microfluidic devices. ITO patterning using the spin coater and the UV exposure light.	TJ Kong	Wed
Fabricate ITO glass	Riley, CK Tan,TJ Kong	Sun day

Read paper of Dropbot and try to understand how the dropbot works.	Qi Sun	
Go through patent and continue the paper fluidic experiment	Jingxuan Sun	
Contacted members of paper group to set up meeting times for next week. Reviewed papers from group drive.	Ben	Throughout week

PLAN FOR COMING WEEK/INDIVIDUAL TASKS

WHAT	WHO	WHEN
Assign papers to each group member	Riley	Monday
Review a report on on research paper findings in order to provide training for the rest of the group	ALL	Friday 3:00pm
Do more ITO patterning (fabrication) and review more papers about digital microfluidic devices	TJ Kong,CK Tan	Next week
Read over papers and review existing technology for paper microfluidics design	Ben	Next week
Read papers about paper microfluidics and review what we have done in paper microfluidics project, and give an paper presentation on friday meeting.	Qi Sun	Next week
Continue go through the patent and get the website started	Jingxuan Sun	
Finish preparing the Active TFT matrix and order new screens	Jared Anderson	

PENDING ISSUE

ISSUE	RESPONSIBILITY
Find out what the Max voltage the Active matrix can handle, while doing test may be possible that board won't support enough.	

INDIVIDUAL HOURLY CONTRIBUTION

<u>NAME</u>	<u>HOURS</u>
Jared Anderson	9
Riley Brien	10
Nick Dudak	10
Ben Hagarty	6
Taejoon Kong(TJ)	9
Charlie Sun	6
Qi Sun(Chad)	7
CheeKang Tan(C.K)	9
TOTAL HOURS	66