

WEEKLY REPORT

Group name: May14-26	Date:2/3/14
Client/Advisors: Dr. Santosh Pandey, Dr. Ludovico Cademartiri, Dr. 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, Digital group Digital Fabricator Digital Fabricator Paper Fabricator Paper Fabricator Paper subgroup leader Web developer Reports

ACCOMPLISHMENTS FOR PAST WEEK

WHAT	WHO	WHEN
Meeting with senior design Instructor	ALL	Friday
Researched and ordered amylase assay	Nick	Tuesday
Finished indicator mixing and scanned images	Ben, Chad	Monday, Wednesday
Printed the ink path on hydrophobic transparency film.	TJ, Riley	Thursday, Friday
Design the UI of the app and the test strip	Charlie	Wednesday Friday
Troubleshooting on high voltage amplifier DMF	Riley, C.K.	Wednesday, Thursday

PLAN FOR COMING WEEK/INDIVIDUAL TASKS

WHAT	WHO	WHEN
Try many different designs of the chip(RDS) and design amplifier circuit for DMF device	TJ, Riley	next week
Improve aesthetics of GFS gui and test new designs	Jared	next week
troubleshoot shorting issue on Digital microfluidics	C.K.	next week
Mix another two indicators with current four indicators and find out the best combination.	Chad	Next week
Continue Following the smartphone based colored comparison health paper and take a look into ios or android apps	Charlie Sun	Next week
Continue look into the smartphone based colored comparison apps	Charlie	Nextweek
Receive indicators; develop universal	Nick, Ben	Next week

PENDING ISSUE

ISSUE	RESPONSIBILITY
Fix shorting issue on Digital microfluidics	Digital group

INDIVIDUAL HOURLY CONTRIBUTION

<u>NAME</u>	<u>HOURS</u>
Jared Anderson	6
Riley Brien	12
Nick Dudak	4
Ben Hagarty	4
Taejoon Kong	8
Charlie Sun	4
Qi Sun	4
CheeKang Tan	10
TOTAL HOURS	52