

CAPABILITIES DOCUMENT

Project: ECSE 211 Final Design Project – Team 6

Document Version Number: 2.0

Creation Date: 12/10/2017

Original Author: Alex Hale

Edit History:

[12/10/2017] Justin Tremblay: First Draft

[13/10/2017] Josh Inscoe: second version of the document

[14/10/2017] Frederic Cyr: third version of the document

[14/10/2017] Alex Hale: fourth version, added my information and details

[15/10/2017] Justin Tremblay: Converted availabilities to tables to simplify reading and added various details.

[15/10/2017] Xianyi Zhan: sixth version, added my information and details.

[15/10/2017] Xu Hai: seventh version, added my information and details.

[16/10/2017] Frederic Cyr: eighth version, added my information and details.

[16/10/2017] Alex Hale: changed version system to WEEK.EDIT (e.g. it is currently week 1, edit 9 => 1.9).

[22/10/2017] Alex Hale: added week-to-week availabilities, updated formatting

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2.0 TEAM MEMBERS

Josh Inscoe – Design Team Manager - jinscoe123@gmail.com

Alex Hale – Design Documentation Manager – a.hale@live.ca

Frederic Cyr – Hardware Team Leader - fred.cyr10@gmail.com

Justin Tremblay – Software Team Leader - justin.tremblay@mail.mcgill.ca

Xu (Mike) Hai – Testing Team Leader - tieshan.lyu@gmail.com

Xianyi (Jeffrey) Zhan – Hardware and Testing Engineer - xianyizhan@gmail.com

3.0 CAPABILITIES

Area	Software	Hardware	Testing	Documentation	Management
Josh Inscoe	4 years programming experience; experience with git				experience working in a software development team

Alex Hale	3 years programming experience, mostly in Java			native English speaker, technical writing experience	experience leading a software development team
Frederic Cyr	1 year programming experience	comfortable with hardware design			
Justin Tremblay	4 years programming experience in multiple languages			experience with source control software	experience working in a software development team; experience leading a development team and making presentations
Xu Hai	1 year programming experience	3 years electrical engineering experience			experience working in a hardware development team
Xianyi Zhan	2 years programming experience	comfortable with hardware design	experience with team project testing		

4.0 POSSIBLE APPLICATION AREAS

Alex Hale

- * Best suited for role of Documentation Leader.
- * Enough programming experience to assist Software Leader.

Frederic Cyr

- * Could take on the role of Hardware leader and also the Test Engineer.
- * Can also work with the Documentation leader.

Josh Inscoc

- * Could take on the role of Software Manager or Software Engineer.
- * Able to work on the coding portion of the project.

Xu Hai

- * Could take on the role of Test leader.

* Can also work the hardware leader.

Xianyi Zhan

* Could take on the role of Hardware engineer and Test Engineer.

* Able to work as Test team leader.

Justin Tremblay

* Sufficient experience for Software Manager role.

* Sufficient management experience for Project Manager role.

* Can manage the code (and documentation) repository

5.0 AVAILABILITY

5.1 DAY-TO-DAY AVAILABILITY

Team Member	Time	M	T	W	T	F	S	S
Josh Inscoe	AM							
	PM							
	Evening							
Alex Hale	AM							
	PM							
	Evening							
Frederic Cyr	AM							
	PM							
	Evening							
Justin Tremblay	AM							
	PM							
	Evening							
Xu Hai	AM							
	PM							
	Evening							
Xianyi Zhan	AM							
	PM							
	Evening							

5.2 WEEK-TO-WEEK AVAILABILITY

Team Member	1	2	3	4	5	6
Josh Inscoe		Wednesday midterm		Hackathon (weekend)		
Alex Hale	Monday midterm	Wednesday midterm	Tuesday midterm		Monday midterm	
Frederic Cyr	Monday midterm	Wednesday midterm			Monday midterm	

Justin Tremblay		Wednesday midterm, Friday deliverable				
Xu Hai	Monday midterm	Wednesday midterm	Tuesday midterm, Friday midterm		Monday midterm	
Xianyi Zhan			Tuesday midterm, Friday midterm			

6.0 GLOSSARY OF TERMS

Source Control Software: Tools to keep track of changes in files, such as Git.