

CAPABILITIES DOCUMENT

Project: ECSE 211 Final project

Task:

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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).

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Team Members

Name: Alex Hale

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Name: Frederic Cyr

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Name: Josh Inscoe

E-mail Address: jinscoe123@gmail.com

Name: Xu Hai

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Name: Xianyi Zhan

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Name: Justin Tremblay

E-mail Address: justin.tremblay@mail.mcgill.ca

Capabilities

Alex Hale:

- 3 years of programming experience, mostly in Java
- Native English speaker, technical writing experience
- Experience leading a software development team

Frederic Cyr:

- Comfortable with hardware design.
- 1 year of programming experience.

Josh Inscoe:

- 4 years of programming experience
- Experience working in a software development team
- Experience with Git

Xu Hai:

- 3 years of electrical engineering experience.
- 1 year of programming experience.
- Experience working in a hardware development team.

Xianyi Zhan:

- Comfortable with hardware design.
- Experience with team project testing.
- 2 years of programming experience.

Justin Tremblay:

- 4 years of programming experience in multiple languages.
- Experience working in a software development team.
- Experience with source control software.
- Experience leading a development team and doing presentations.

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 Inscoe:

- 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(s).

Availability

Alex Hale:

- Evenings and weekends

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Morning	yes	no	yes	no	yes	yes	yes
Afternoon	yes	no	yes	no	no	yes	yes
Night	yes	yes	yes	yes	no	yes	yes

Frederic Cyr:

- Nights and weekends

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Morning	no	no	no	no	no	yes	yes
Afternoon	yes	no	no	no	no	yes	yes
Night	yes	yes	yes	yes	yes	yes	yes

Josh Inscoe:

- Nights and weekends (with advanced notice)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Morning	no	no	no	yes	no	yes	yes

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Afternoon	yes	no	no	yes	yes	yes	yes
Night	yes	yes	yes	yes	yes	yes	yes

Xu Hai:

- Nights and weekends (with advanced notice)

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Morning	no	no	no	yes	no	yes	yes
Afternoon	yes	no	no	yes	yes	yes	yes
Night	yes	yes	yes	yes	yes	yes	yes

Xianyi Zhan:

- Nights and weekends (with advanced notice)

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Morning	no	no	no	no	no	no	yes
Afternoon	no	yes	yes	yes	yes	yes	yes
Night	yes	yes	yes	yes	no	yes	yes

Justin Tremblay:

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Morning	no	no	no	yes	no	yes	yes
Afternoon	yes	no	no	yes	yes	yes	yes
Night	yes	yes	yes	yes	yes	yes	yes

Glossary of Terms

Source Control Software: Software that keeps track of changes in files, such as Git.