

# Project Proposal

Team Name:

Team Codd

Program of study:

Computer Science

Team Members:

Arlana Keen - 16004666

Lewis Jackson - 16018797

Brandon Henderson - 16005586

Oliver Howe – 17015920

**Missions:**

- 1 - Arlana
- 2 - Lewis
- 3 - Oliver
- 4 - Brandon
- 5 - Brandon
- 6 - Lewis
- 7 - Group
- 8 - Oliver
- 9 - Group
- 10 - Arlana

**Mission deadlines:**

Feb 14 - March 7th - First mission complete  
March 7th - 5th April - Second mission complete  
April 5th - May 13 - Group work complete  
Discuss Presentation - After Easter break

**Code of Conduct:**

1. Team members should take full responsibility for their individual missions
2. Each team member will take full responsibility for the group missions
3. Each group member must be easily contacted
4. Each group member must come to agreed meetings unless there are unforeseen circumstances
5. Be fair and respectful
6. Group members must communicate problems and concerns as soon as possible

**General guidelines:**

1. Everyone in the group should ensure that they can be contacted easily by other members of the group by giving them adequate contact information
2. When working in a group, please treat other members of the group with courtesy and respect their opinions, even if you do not necessarily agree with them
3. You are expected to make a full and fair contribution to the work of the group
4. When you agree to undertake a task that has been assigned to you by the group you must try work to the agreed deadline since failure to do so could impede the progress of the whole project
5. You have the right, naturally, to challenge others opinions but please try to do it in a non-aggressive way
6. It is your responsibility to attend all meetings arranged by the group to advance the project, and to arrive at those meetings on time. If you can't attend a meeting of the group you should consider providing your input in written form and giving this to the other group members before the meeting
7. If another member of your group tells you something in confidence, you should respect their wishes

## Skills Audits

Arlana Keen

### Part 1 Key Skills

SKILLS AREA	I CAN DO THIS WELL	OK, BUT I NEED MORE PRACTICE	I CAN'T DO THIS	PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important, 2 = quite important, 3 = not important
<b>ORGANIZATION OF LEARNING</b>				
I have strategies to help me to plan and manage my time		X		1
I am able to effectively prioritise my tasks and activities		X		2
I am able to work to deadlines	x			1
I am aware of what makes my learning more effective (e.g. place to study, time to study etc)		X		2

<b>INFORMATION SEEKING SKILLS</b>				
I am able to find a specific book or journal in the library using the on-line catalogue		x		2
I am able to use a variety of different sources to find information (e.g. journals, books, electronic resources)		X		2
I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs)	X			2
I am able to use search gateways on the Internet to find information	X			2
I am able to evaluate the information I find	X			2
<b>READING AND NOTEMAKING</b>				
I can decide which parts of a book I need to read		X		3
I have a system for recording where I find information (e.g. book, author, date)	X			2
I can select and use different reading strategies (e.g. skim, scan, in-depth)		X		2
I can make effective notes when reading	X			2
I can make effective notes when listening (e.g. during lectures)		X		2
I have a system for recording and storing my notes		X		2

<b>WRITING SKILLS</b>				
I can analyse assignment (essay, report etc) questions to determine what is expected		x		2
I understand the difference between an essay and report		X		2
I can produce a written plan to answer an assignment question	X			2
I can punctuate, use grammar and spelling correctly	X			2
I am confident I can express my ideas clearly in written form	X			2
I am able to adapt my writing styles to suit the appropriate media/audience	X			2
I understand the need to reference my work to avoid plagiarism	x			2

<b>SPOKEN COMMUNICATION</b>				
I am able to express my views verbally	X			2
I am confident speaking in front of a group of people	X			2
I can prepare, plan and deliver a presentation	X			2
I can use visual aids to support a presentation	X			3
I am able to listen to and appreciate the views of others	X			1

<b>WORKING WITH NUMBERS</b>				
I am competent in making simple calculations		X		2
I can present numerical information accurately		X		2
I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals)		X		2
I can interpret and present information in graphs and illustrations		X		2

<b>WORKING WITH OTHERS</b>				
I am good at working with other people	X			1

I am able to lead or organize a group	X			1
I know how to plan and manage meetings	X			1
I am good at co-ordinating a group such as storing and sharing files and documents	X			1
I am good at supporting other people	X			1
I am able to get the best out of others	X			1
I can motivate others	X			1
I am able to manage conflict or disagreement	X			1
People look at me as a leader		X		1

<b>STRESS MANAGEMENT</b>				
I know what causes stress	X			2
I am aware of my personal symptoms of stress	X			2
I can use strategies to help me cope with my stress or other people's stress	X			2

<b>PERSONAL DEVELOPMENT PLANNING</b>				
I am able to identify my personal goals		X		2
I am a good judge of what my strengths and areas for development are		X		2
I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment			X	3
I am able to plan for my personal development		x		1

## Part 2 Technical Skills directly relevant to your course.

Decide on a list of skills you might need for this module as a group then complete the audit individually.

SKILLS AREA	I CAN DO THIS WELL	OK, BUT I NEED MORE PRACTICE	I CAN'T DO THIS	PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important, 2 = quite important, 3 = not important
Java Programming		x		1
Structuring code		x		1
SQL statements		x		2
Case diagrams		x		2

Case descriptors		x		2
UML knowledge		x		2
Entity relationship diagrams		x		2
Reliability	x			1
Statistics knowledge		x		2
HCI knowledge	x			2
Testing		x		1
Sequence diagrams		x		2
State Machine diagrams			x	2
Class diagram		x		1
Statement of purpose		X		2
Project manager	x			1



## Part 1 Key Skills

SKILLS AREA	I CAN DO THIS WELL	OK, BUT I NEED MORE PRACTICE	I CAN'T DO THIS	PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important, 2 = quite important, 3 = not important
<b>ORGANIZATION OF LEARNING</b>				
I have strategies to help me to plan and manage my time		X		2
I am able to effectively prioritise my tasks and activities		X		2
I am able to work to deadlines		X		1
I am aware of what makes my learning more effective (e.g. place to study, time to study etc)		X		2

<b>INFORMATION SEEKING SKILLS</b>				
I am able to find a specific book or journal in the library using the on-line catalogue		X		1
I am able to use a variety of different sources to find information (e.g. journals, books, electronic resources)		X		1
I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs)	X			3
I am able to use search gateways on the Internet to find information	X			3
I am able to evaluate the information I find		X		1
<b>READING AND NOTEMAKING</b>				
I can decide which parts of a book I need to read		X		2
I have a system for recording where I find information (e.g. book, author, date)			X	1
I can select and use different reading strategies (e.g. skim, scan, in-depth)		X		2
I can make effective notes when reading		X		2
I can make effective notes when listening (e.g. during lectures)		X		2
I have a system for recording and storing my notes	X			3

<b>WRITING SKILLS</b>				
I can analyse assignment (essay, report etc) questions to determine what is expected		X		1
I understand the difference between an essay and report		X		1
I can produce a written plan to answer an assignment question		X		1
I can punctuate, use grammar and spelling correctly		X		2
I am confident I can express my ideas clearly in written form		X		1
I am able to adapt my writing styles to suit the appropriate media/audience		X		1
I understand the need to reference my work to avoid plagiarism		X		2

<b>SPOKEN COMMUNICATION</b>				
I am able to express my views verbally			X	1
I am confident speaking in front of a group of people			X	1
I can prepare, plan and deliver a presentation		X		2
I can use visual aids to support a presentation			X	1
I am able to listen to and appreciate the views of others		X		2

<b>WORKING WITH NUMBERS</b>				
I am competent in making simple calculations	X			2
I can present numerical information accurately		X		1
I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals)	X			2
I can interpret and present information in graphs and illustrations	X			2

<b>WORKING WITH OTHERS</b>				
I am good at working with other people		X		2

I am able to lead or organize a group		X		2
I know how to plan and manage meetings		X		2
I am good at co-ordinating a group such as storing and sharing files and documents		X		2
I am good at supporting other people	X			1
I am able to get the best out of others		X		2
I can motivate others		X		2
I am able to manage conflict or disagreement		X		2
People look at me as a leader		X		2

<b>STRESS MANAGEMENT</b>				
I know what causes stress	X			2
I am aware of my personal symptoms of stress	X			2
I can use strategies to help me cope with my stress or other people's stress			X	1

<b>PERSONAL DEVELOPMENT PLANNING</b>				
I am able to identify my personal goals		X		1
I am a good judge of what my strengths and areas for development are		X		2
I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment		X		1
I am able to plan for my personal development			X	1

## Part 2 Technical Skills directly relevant to your course.

Decide on a list of skills you might need for this module as a group then complete the audit individually.

SKILLS AREA	I CAN DO THIS WELL	OK, BUT I NEED MORE PRACTICE	I CAN'T DO THIS	PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important, 2 = quite important, 3 = not important
Java Programming		X		2

Structuring code	X			3
SQL statements		X		2
Case diagrams			X	1
Case descriptors		X		2
UML knowledge		X		2
Entity relationship diagrams			X	1
Reliability	X			2
Statistics knowledge		X		1
HCI knowledge		X		2
Testing		X		2
Sequence diagrams		X		2
State Machine diagrams			X	1
Class diagram			X	1
Statement of purpose		X		2

## Part 1 Key Skills

SKILLS AREA	I CAN DO THIS WELL	OK, BUT I NEED MORE PRACTICE	I CAN'T DO THIS	PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important, 2 = quite important, 3 = not important
<b>ORGANIZATION OF LEARNING</b>				
I have strategies to help me to plan and manage my time			X	1
I am able to effectively prioritise my tasks and activities			X	1
I am able to work to deadlines		X		1
I am aware of what makes my learning more effective (e.g. place to study, time to study etc)		X		2

<b>INFORMATION SEEKING SKILLS</b>				
I am able to find a specific book or journal in the library using the on-line catalogue		X		2
I am able to use a variety of different sources to find information (e.g. journals, books, electronic resources)		X		1
I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs)			X	2
I am able to use search gateways on the Internet to find information		X		2
I am able to evaluate the information I find	X			1
<b>READING AND NOTEMAKING</b>				
I can decide which parts of a book I need to read			X	2
I have a system for recording where I find information (e.g. book, author, date)			X	2
I can select and use different reading strategies (e.g. skim, scan, in-depth)			X	1
I can make effective notes when reading			X	1
I can make effective notes when listening (e.g. during lectures)			X	1
I have a system for recording and storing my notes			X	2

<b>WRITING SKILLS</b>				
I can analyse assignment (essay, report etc) questions to determine what is expected		X		1
I understand the difference between an essay and report		X		2
I can produce a written plan to answer an assignment question		X		1
I can punctuate, use grammar and spelling correctly	X			1
I am confident I can express my ideas clearly in written form		X		2
I am able to adapt my writing styles to suit the appropriate media/audience	X			1
I understand the need to reference my work to avoid plagiarism	X			1

<b>SPOKEN COMMUNICATION</b>				
I am able to express my views verbally		X		1
I am confident speaking in front of a group of people			X	1
I can prepare, plan and deliver a presentation			X	1
I can use visual aids to support a presentation		X		1
I am able to listen to and appreciate the views of others		X		1

<b>WORKING WITH NUMBERS</b>				
I am competent in making simple calculations	X			1
I can present numerical information accurately	X			1
I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals)	X			1
I can interpret and present information in graphs and illustrations	X			1

<b>WORKING WITH OTHERS</b>				
I am good at working with other people	X			1

I am able to lead or organize a group			X	1
I know how to plan and manage meetings			X	1
I am good at co-ordinating a group such as storing and sharing files and documents			X	2
I am good at supporting other people			X	2
I am able to get the best out of others			X	2
I can motivate others			X	2
I am able to manage conflict or disagreement		X		2
People look at me as a leader			X	2

<b>STRESS MANAGEMENT</b>				
I know what causes stress	X			1
I am aware of my personal symptoms of stress	X			2
I can use strategies to help me cope with my stress or other people's stress		X		2

<b>PERSONAL DEVELOPMENT PLANNING</b>				
I am able to identify my personal goals			X	2
I am a good judge of what my strengths and areas for development are		X		1
I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment			X	2
I am able to plan for my personal development			X	2

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Java Programming		X		2

Structuring code	X			1
SQL statements		X		2
Case diagrams	X			1
Case descriptors		X		1
UML knowledge		X		1
Entity relationship diagrams		X		1
Reliability	X			1
Statistics knowledge		X		2
HCI knowledge	X			2
Testing		X		2
Sequence diagrams			X	1
State Machine diagrams			X	1
Class diagram		X		1
Statement of purpose	X			1
Project manager			X	1



## Part 1 Key Skills

SKILLS AREA	I CAN DO THIS WELL	OK, BUT I NEED MORE PRACTICE	I CAN'T DO THIS	PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important, 2 = quite important, 3 = not important
<b>ORGANIZATION OF LEARNING</b>				
I have strategies to help me to plan and manage my time		X		1
I am able to effectively prioritise my tasks and activities	X			2
I am able to work to deadlines	X			1
I am aware of what makes my learning more effective (e.g. place to study, time to study etc)		X		2

<b>INFORMATION SEEKING SKILLS</b>				
I am able to find a specific book or journal in the library using the on-line catalogue		X		3
I am able to use a variety of different sources to find information (e.g. journals, books, electronic resources)		X		2
I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs)		X		2
I am able to use search gateways on the Internet to find information		X		2
I am able to evaluate the information I find		X		2
<b>READING AND NOTEMAKING</b>				
I can decide which parts of a book I need to read			X	2
I have a system for recording where I find information (e.g. book, author, date)		X		3
I can select and use different reading strategies (e.g. skim, scan, in-depth)			X	3
I can make effective notes when reading		X		2
I can make effective notes when listening (e.g. during lectures)		X		2
I have a system for recording and storing my notes		X		2

<b>WRITING SKILLS</b>				
I can analyse assignment (essay, report etc) questions to determine what is expected		X		2
I understand the difference between an essay and report			X	2
I can produce a written plan to answer an assignment question		X		2
I can punctuate, use grammar and spelling correctly	X			3
I am confident I can express my ideas clearly in written form	X			2
I am able to adapt my writing styles to suit the appropriate media/audience		X		2
I understand the need to reference my work to avoid plagiarism	X			1

<b>SPOKEN COMMUNICATION</b>				
I am able to express my views verbally	X			2
I am confident speaking in front of a group of people		X		2
I can prepare, plan and deliver a presentation		X		2
I can use visual aids to support a presentation		X		2
I am able to listen to and appreciate the views of others		X		1

<b>WORKING WITH NUMBERS</b>				
I am competent in making simple calculations	X			1
I can present numerical information accurately		X		2
I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals)		X		1
I can interpret and present information in graphs and illustrations		X		2

<b>WORKING WITH OTHERS</b>				
I am good at working with other people		X		1

I am able to lead or organize a group		X		2
I know how to plan and manage meetings		X		2
I am good at co-ordinating a group such as storing and sharing files and documents		X		2
I am good at supporting other people		X		2
I am able to get the best out of others		X		2
I can motivate others		X		3
I am able to manage conflict or disagreement		X		3
People look at me as a leader			X	3

<b>STRESS MANAGEMENT</b>				
I know what causes stress	X			1
I am aware of my personal symptoms of stress	X			2
I can use strategies to help me cope with my stress or other people's stress		X		2

<b>PERSONAL DEVELOPMENT PLANNING</b>				
I am able to identify my personal goals		X		1
I am a good judge of what my strengths and areas for development are			X	1
I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment		X		2
I am able to plan for my personal development	X			2

## Part 2 Technical Skills directly relevant to your course.

Decide on a list of skills you might need for this module as a group then complete the audit individually.

SKILLS AREA	I CAN DO THIS WELL	OK, BUT I NEED MORE PRACTICE	I CAN'T DO THIS	PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important, 2 = quite important, 3 = not important
Java Programming		X		1

Structuring code		X		1
SQL		X		2
Case Diagrams		X		2
Case Descriptions		X		2
UML knowledge		X		2
Entity Relationship Diagrams		X		2
Reliability	X			1
Statistics Knowledge			X	3
HCI Knowledge		X		2
Testing			X	2
Sequence diagrams		X		2
State Machine Diagrams			X	2
Class diagrams	X			2
Project Management		X		2