Dacia Sandero

Object detection in images

KF5012 Software Engineering Practice
Computer Science with Artificial Intelligence

Gabriel-Claudiu Stelea
Mircea-Constantin Sasu
Brendon Liew Jo Yen
Gabriel-Sebastian Visan

Mission distribution

Participant	Mission	Justification
Group-wide mission	Iterative Development (double)	As instructed in the project brief
Gabriel-Claudiu Stelea	Project Management	High marks in the "Working with
		others" + "Time management"
	Solution Testing	High marks in "Reading and
		Notemaking" + "Information seeking"
Mircea-Constantin Sasu	Baseline Implementation	High marks in coding + algorithmic
		thinking
	Mathematical Review	High marks "Working with numbers"+
		medium marks "Writing skills"
Brendon Liew Jo Yen	Application Programming	Own interest + good marks in interface
	Interface (API)	+ coding
	Graphical User Interface (API	Own interest + good marks in interface
	required)	+ coding
Gabriel-Sebastian Visan	Project Ideation	High score "Writing skills" +
		"Information seeking"
	Solution Design	High score "Writing skills" +
		"Information seeking" + Interpreting
		and representing graphs

Aim of the project

The scope of the project is to develop a fully working software application that detects an object or a set of objects in an image supplied by the user. The objects detected will be outlined by a shape and the final image will be shown back to the user. The setting and range of objects will be settled on a later phase of development.

Gabriel-Claudiu Stelea

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
ORGANIZATION OF LEARNING				
I have strategies to help me to plan and manage my time		Х		1
I am able to effectively prioritise my tasks and activities	Х			2
I am able to work to deadlines	Х			1
I am aware of what makes my learning more effective (e.g. place to study, time to study etc)	х			2

INFORMATION SEEKING SKILLS			
I am able to find a specific book or journal in the	Χ		2
library using the on-line catalogue			
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)	Х		2
I am able to use search gateways on the Internet to find information	Х		1
I am able to evaluate the information I find	Х		1

READING AND NOTEMAKING			
I can decide which parts of a book I need to read		X	1
I have a system for recording where I find information (e.g. book, author, date)		Х	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		1
I can make effective notes when listening (e.g. during lectures)	X		1
I have a system for recording and storing my notes	Х		1

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

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

I am competent in making simple calculations	WORKING WITH NUMBERS			
I can present numerical information accurately x 1 I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals) I can interpret and present information in graphs and x 1 Illustrations WORKING WITH OTHERS 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 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 can motivate others x 2 I am able to manage conflict or disagreement x 1 People look at me as a leader x 2 STRESS MANAGEMENT I know what causes stress x 2 I can use strategies to help me cope with my stress x 1 I can able to identify my personal goals x 2 I am about judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1 I am a good judge of what my strengths and areas x 1	I am competent in making simple calculations	Х		2
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techniques (e.g. percentages, fractions, decimals) I can interpret and present information in graphs and illustrations WORKING WITH OTHERS I am good at working with other people				
Can interpret and present information in graphs and illustrations		Х		2
WORKING WITH OTHERS I am good at working with other people	I can interpret and present information in graphs and	х		1
I am good at working with other people	illustrations			
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I am able to lead or organize a group I know how to plan and manage meetings I am good at co-ordinating a group such as storing and sharing files and documents I am good at supporting other people I am able to get the best out of others I can motivate others I am able to manage conflict or disagreement People look at me as a leader STRESS MANAGEMENT I know what causes stress I am aware of my personal symptoms of stress I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas X I am a good judge of what my strengths and areas X I am a good judge of what my strengths and areas X I am a good judge of what my strengths and areas	WORKING WITH OTHERS			
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I am good at co-ordinating a group such as storing and sharing files and documents 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 2 I am able to manage conflict or disagreement x 1 People look at me as a leader x 2 I am aware of my personal symptoms of stress x 2 I can use strategies to help me cope with my stress x 1 I can use strategies to help me cope with my stress x 1 I can use strategies to identify my personal goals x 2 I am a good judge of what my strengths and areas x 1	I am able to lead or organize a group	Х		1
and sharing files and documents I am good at supporting other people I am able to get the best out of others I can motivate others I am able to manage conflict or disagreement People look at me as a leader STRESS MANAGEMENT I know what causes stress I am aware of my personal symptoms of stress I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas I am a good judge of what my strengths and areas I am a good judge of what my strengths and areas I am a good judge of what my strengths and areas	I know how to plan and manage meetings		х	1
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I am able to manage conflict or disagreement x 1 People look at me as a leader x 2 STRESS MANAGEMENT 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 PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals x 2 I am a good judge of what my strengths and areas x 1	I am able to get the best out of others	х		1
People look at me as a leader x 2 STRESS MANAGEMENT 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 PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals x 2 I am a good judge of what my strengths and areas x 1	I can motivate others		х	2
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I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas x 1	I know what causes stress	Х		2
PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas x 1	I am aware of my personal symptoms of stress	Х		2
PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas x 1		х		1
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I am able to identify my personal goals x 2 I am a good judge of what my strengths and areas x 1	PERSONAL DEVELOPMENT PLANNING			
		Х		2
for development are	I am a good judge of what my strengths and areas for development are	х		1
I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment		х		2
I am able to plan for my personal development x 2	I am able to plan for my personal development	Х		2

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
Ability to test efficiency		Х		1
Ability to work in a shared environment		Х		1
Ability to work in an Agile environment		Х		1
Commenting code and making use of functions	Х			2
Ability to work with interfaces		х		1
Ability to ask for help	Х			2
Ability to work with large amounts of data		х		1
UML diagrams		х		2
Coding	х			1

Mircea-Constantin Sasu

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
ORGANIZATION OF LEARNING				
I have strategies to help me to plan and manage my time		√		2
I am able to effectively prioritise my tasks and activities	✓			3
I am able to work to deadlines		✓		1
I am aware of what makes my learning more effective (e.g. place to study, time to study etc)		√		1

INFORMATION SEEKING SKILLS			
I am able to find a specific book or journal in the		✓	2
library using the on-line catalogue			
I am able to use a variety of different sources to find		✓	2
information			
(e.g. journals. books, electronic resources)			
I am able to access and search electronic resources	✓		3
(on-line databases, electronic journals CD-ROMs)			
I am able to use search gateways on the Internet to	✓		3
find information			
I am able to evaluate the information I find		✓	2

READING AND NOTEMAKING				
I can decide which parts of a book I need to read	✓			3
I have a system for recording where I find information (e.g. book, author, date)		✓		2
I can select and use different reading strategies (e.g. skim, scan, in-depth)		✓		2
I can make effective notes when reading			√	1
I can make effective notes when listening (e.g. during lectures)			√	1
I have a system for recording and storing my notes		√		2
		·		
WRITING SKILLS				
I can analyse assignment (essay, report etc) questions to determine what is expected		✓		2
I understand the difference between an essay and report		√		2
I can produce a written plan to answer an assignment question		√		2
I can punctuate, use grammar and spelling correctly	✓			3
I am confident I can express my ideas clearly in written form		√		1
I am able to adapt my writing styles to suit the appropriate media/audience		✓		2
I understand the need to reference my work to avoid plagiarism		✓		2
SPOKEN COMMUNICATION				
I am able to express my views verbally			✓	1
I am confident speaking in front of a group of people			√	1
I can prepare, plan and deliver a presentation		✓		2
I can use visual aids to support a presentation			√	1
I am able to listen to and appreciate the views of others	✓			3

WORKING WITH NUMBERS				
I am competent in making simple calculations	√			3
I can present numerical information accurately	√			3
I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals)	√			3
I can interpret and present information in graphs and	√			3
illustrations				
WORKING WITH OTHERS		I	Ι	1
WORKING WITH OTHERS				
I am good at working with other people		✓		2
I am able to lead or organize a group			√	1
I know how to plan and manage meetings			✓	1
I am good at co-ordinating a group such as storing and sharing files and documents			✓	1
I am good at supporting other people		√		2
I am able to get the best out of others			√	1
I can motivate others		√		2
I am able to manage conflict or disagreement		√		2
People look at me as a leader			√	1
STRESS MANAGEMENT				
I know what causes stress		✓		2
I am aware of my personal symptoms of stress		✓		2
I can use strategies to help me cope with my stress or other people's stress			✓	1
of other people of stress				
PERSONAL DEVELOPMENT PLANNING				
I am able to identify my personal goals		✓		2
I am a good judge of what my strengths and areas for development are			✓	1
I am able to identify opportunities for learning		✓		2
outside my course, e.g. clubs, societies, employment				
I am able to plan for my personal development			√	1

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
Ability to test efficiency	√			2
Ability to work in a shared environment		√		1
Ability to work in an Agile environment		√		2
Commenting code and making use of functions	√			1
Ability to work with interfaces		✓		3
Ability to ask for help	√			1
Ability to work with large amounts of data	√			1
UML diagrams		✓		2
Coding	√			1

Brendon Liew Jo Yen

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
ORGANIZATION OF LEARNING				
I have strategies to help me to plan and manage my time		√		2
I am able to effectively prioritise my tasks and activities		✓		1
I am able to work to deadlines	√			2
I am aware of what makes my learning more effective (e.g. place to study, time to study etc)			√	2

INFORMATION SEEKING SKILLS			
I am able to find a specific book or journal in the		✓	2
library using the on-line catalogue			
I am able to use a variety of different sources to find information (e.g. journals. books, electronic resources)	√		2
I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs)		√	2
I am able to use search gateways on the Internet to find information	√		2
I am able to evaluate the information I find		✓	1

READING AND NOTEMAKING				
I can decide which parts of a book I need to read		✓		2
I have a system for recording where I find information (e.g. book, author, date)		√		2
I can select and use different reading strategies (e.g. skim, scan, in-depth)		✓		1
I can make effective notes when reading		✓		1
I can make effective notes when listening (e.g. during lectures)			√	2
I have a system for recording and storing my notes		✓		2
WRITING SKILLS				
I can analyse assignment (essay, report etc) questions to determine what is expected		✓		1
I understand the difference between an essay and report		√		1
I can produce a written plan to answer an assignment question	√			2
I can punctuate, use grammar and spelling correctly		✓		2
I am confident I can express my ideas clearly in written form		√		1
I am able to adapt my writing styles to suit the appropriate media/audience		✓		1
I understand the need to reference my work to avoid plagiarism	✓			1
SPOKEN COMMUNICATION				
I am able to express my views verbally		✓		2
I am confident speaking in front of a group of people			√	1
I can prepare, plan and deliver a presentation		✓		1
I can use visual aids to support a presentation		✓		2
I am able to listen to and appreciate the views of others	√			1

WORKING WITH NUMBERS				
I am competent in making simple calculations		✓		1
Tam competent in making simple calculations		ľ		
I can present numerical information accurately		✓		2
I can competently use a variety of numerical	✓			1
techniques (e.g. percentages, fractions, decimals)				
I can interpret and present information in graphs and		~		1
illustrations				
WORKING WITH OTHERS				
I am good at working with other people		✓		2
I am able to lead or organize a group			✓	2
I know how to plan and manage meetings		✓		2
I am good at co-ordinating a group such as storing and sharing files and documents		✓		1
I am good at supporting other people		✓		1
I am able to get the best out of others			✓	2
I can motivate others	√			1
I am able to manage conflict or disagreement		✓		2
People look at me as a leader			√	3
				_
STRESS MANAGEMENT				
I know what causes stress		✓		2
I am aware of my personal symptoms of stress		✓		2
I can use strategies to help me cope with my stress or other people's stress		✓		1
			<u> </u>	
PERSONAL DEVELOPMENT PLANNING				
I am able to identify my personal goals		✓		1
I am a good judge of what my strengths and areas for development are		✓		2
I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment	✓			1
I am able to plan for my personal development		✓		1

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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
Ability to test efficiency		√		1
Ability to work in a shared environment		√		2
Ability to work in an Agile environment		✓		2
Commenting code and making use of functions	√			2
Ability to work with interfaces		✓		1
Ability to ask for help		✓		2
Ability to work with large amounts of data		✓		1
UML diagrams		✓		2
Coding	√			1

Gabriel-Sebastian Visan

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
ORGANIZATION OF LEARNING				
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	Х			3
I am aware of what makes my learning more effective (e.g. place to study, time to study etc)	X			

INFORMATION SEEKING SKILLS				
I am able to find a specific book or journal in the		Х		1
library using the on-line catalogue				
I am able to use a variety of different sources to find information (e.g. journals. books, electronic resources)		Х		1
I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs)	Х			3
I am able to use search gateways on the Internet to find information	Х			3
I am able to evaluate the information I find			Х	1

READING AND NOTEMAKING				
THE TOTAL WAR THE TENT WHITE				
I can decide which parts of a book I need to read	Х			3
· ·				
I have a system for recording where I find	Х			3
information (e.g. book, author, date) I can select and use different reading strategies (e.g.	Х			3
skim, scan, in-depth)	^			S
I can make effective notes when reading		X		2
Tour make offective flotes when redaining				_
I can make effective notes when listening (e.g.		X		2
during lectures)				
I have a system for recording and storing my notes			X	1
WDITING OWILLO	1			
WRITING SKILLS				
I can analyse assignment (essay, report etc)		X		1
questions to determine what is expected				·
I understand the difference between an essay and		X		2
report				
I can produce a written plan to answer an	Î	Х		1
assignment question				
I can punctuate, use grammar and spelling correctly	Χ			3
I am confident I can express my ideas clearly in	Х			3
written form	Χ			2
I am able to adapt my writing styles to suit the appropriate media/audience	^			3
I understand the need to reference my work to avoid	Х			3
plagiarism	^			3
plagianism				
SPOKEN COMMUNICATION				
I am able to express my views verbally	Χ			3
I am confident speaking in front of a group of people	Х			3
I can prepare, plan and deliver a presentation	Х			3
i can prepare, pian and deliver a presentation	^			١
I can use visual aids to support a presentation	Χ			3
· · ·				
I am able to listen to and appreciate the views of		X		1
others				

Lam competent in making simple calculations X 3 I can present numerical information accurately X 3 I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals) I can interpret and present information in graphs and X 3 illustrations WORKING WITH OTHERS I am good at working with other people X 3 I am able to lead or organize a group X 1 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 I am good at supporting other people X 3 I am able to get the best out of others X 3 I am able to get the best out of others X 3 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 STRESS MANAGEMENT I know what causes stress X 1 I can use strategies to help me cope with my stress X 3 I am aware of my personal symptoms of stress X 3 I am aware of my personal symptoms of stress X 3 I am a able to identify my personal goals X 3 I am a good judge of what my strengths and areas 6 or other people's stress X 3 I am a good judge of what my strengths and areas 7 or other people of the for development are 1 I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment X 1 1	WORKING WITH NUMBERS				
I can present numerical information accurately I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals) I can interpret and present information in graphs and illustrations WORKING WITH OTHERS I am good at working with other people I am able to lead or organize a group I know how to plan and manage meetings I am good at co-ordinating a group such as storing and sharing files and documents I am good at co-ordinating a group such as storing and sharing files and documents I am good at supporting other people I am able to get the best out of others I am able to get the best out of others I can motivate others I am able to manage conflict or disagreement I know what causes stress I am aware of my personal symptoms of stress I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas or of development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment					
I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals) I can interpret and present information in graphs and illustrations WORKING WITH OTHERS I am good at working with other people I am able to lead or organize a group I know how to plan and manage meetings I am good at co-ordinating a group such as storing and sharing files and documents I am good at supporting other people I am able to get the best out of others I can motivate others I am able to manage conflict or disagreement X STRESS MANAGEMENT I know what causes stress I am aware of my personal symptoms of stress X I am able to identify my personal goals PERSONAL DEVELOPMENT PLANNING I am abole to identify my personal goals I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment	I am competent in making simple calculations	Х			3
techniques (e.g. percentages, fractions, decimals) I can interpret and present information in graphs and X	I can present numerical information accurately				3
I can interpret and present information in graphs and illustrations WORKING WITH OTHERS I am good at working with other people		Х			3
WORKING WITH OTHERS I am good at working with other people	I can interpret and present information in graphs and	Х			3
I am good at working with other people					•
I am good at working with other people	WORKING WITH OTHERS				
I am able to lead or organize a group I know how to plan and manage meetings X I am good at co-ordinating a group such as storing and sharing files and documents I am good at supporting other people X I am able to get the best out of others X I can motivate others X I am able to manage conflict or disagreement X People look at me as a leader X STRESS MANAGEMENT I know what causes stress X I am aware of my personal symptoms of stress X I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals X I am a good judge of what my strengths and areas for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment		V			2
I know how to plan and manage meetings I am good at co-ordinating a group such as storing and sharing files and documents I am good at supporting other people X I am able to get the best out of others I can motivate others I can motivate others X I am able to manage conflict or disagreement X People look at me as a leader X STRESS MANAGEMENT I know what causes stress X I am aware of my personal symptoms of stress X I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am a good judge of what my strengths and areas for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment		^			3
I am good at co-ordinating a group such as storing and sharing files and documents X	I am able to lead or organize a group		X		1
and sharing files and documents I am good at supporting other people X I am able to get the best out of others X I can motivate others X I am able to manage conflict or disagreement X STRESS MANAGEMENT I know what causes stress X I am aware of my personal symptoms of stress X I can use strategies to help me cope with my stress X I can use strategies to help me cope with my stress X I am able to identify my personal goals X I am a good judge of what my strengths and areas for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment	I know how to plan and manage meetings		Х		2
I am good at supporting other people	I am good at co-ordinating a group such as storing and sharing files and documents			Х	1
I can motivate others I am able to manage conflict or disagreement X People look at me as a leader X STRESS MANAGEMENT I know what causes stress X I am aware of my personal symptoms of stress X I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment		Χ			3
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People look at me as a leader X STRESS MANAGEMENT I know what causes stress X I am aware of my personal symptoms of stress I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment X 3 3 1 1 1 1 1 1 1 1 1 1 1	I can motivate others		Х		3
STRESS MANAGEMENT I know what causes stress I am aware of my personal symptoms of stress I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment	I am able to manage conflict or disagreement	Х			3
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I know what causes stress I am aware of my personal symptoms of stress I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment X I am a good judge of what my strengths and areas for development are X I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment					
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I can use strategies to help me cope with my stress or other people's stress PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment	I know what causes stress	Х			3
PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals I am a good judge of what my strengths and areas for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment	I am aware of my personal symptoms of stress		Х		1
PERSONAL DEVELOPMENT PLANNING I am able to identify my personal goals X I am a good judge of what my strengths and areas for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment X 1		Х			3
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for development are I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment X 1		Х			3
outside my course, e.g. clubs, societies, employment		Х			3
I am able to plan for my personal development X 1			X		1
	I am able to plan for my personal development		X		1

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
Ability to test efficiency	X			2
Ability to work in a shared environment	Х			1
Ability to work in an Agile environment		Х		2
Commenting code and making use of functions	Х			1
Ability to work with interfaces		Х		3
Ability to ask for help		Х		2
Ability to work with large amounts of data	Х			1
UML diagrams	Х			1
Coding	Х			1