

## Skill name

## IT Software Solutions for Business

Criteria	Mark
A Systems Analysis and Design	34.00
B Software Development	51.00
C Development Standards	5.00
D System Documentation	5.00
E Presentation of Solution	5.00

Sub Criteria ID	Sub Criteria Name or Description	Aspect Type O = Obj S = Sub J = Judg	Aspect - Description	Judg Score
A1	Client interaction task - session 5	O	Competitor shows how style guide has been adhered to	
		O	Competitor shows a feature that meets the client's requirements	
		O	Competitor acts professionally in the client meeting	
A2	Database diagram (ERD) - session 5	O	All entities considered and defined	
		O	All attributes (fields) considered and defined	
		O	Relationships defined correctly	
		O	Overall design meets the requirement completely	
A3	Data dictionary - session 5	O	All attributes (fields) considered and listed	

A4	Specification analysis/interpretation - session 1	<input type="radio"/>	All data types and field sizes are appropriate
		<input type="radio"/>	All other information specified as appropriate (e.g. required, prim
		<input type="radio"/>	Solution shows sound analytical judgement of requirements
A5	Specification analysis/interpretation - session 2	<input type="radio"/>	Solution shows sound analytical judgement of requirements
		<input type="radio"/>	Solution shows sound analytical judgement of requirements
A6	Specification analysis/interpretation - session 3	<input type="radio"/>	Solution shows sound analytical judgement of requirements
		<input type="radio"/>	Solution shows sound analytical judgement of requirements
A7	Specification analysis/interpretation - session 4	<input type="radio"/>	Solution shows sound analytical judgement of requirements
		<input type="radio"/>	Solution shows sound analytical judgement of requirements
A8	Specification analysis/interpretation - session 5	<input type="radio"/>	Solution shows sound analytical judgement of requirements
		<input type="radio"/>	Solution shows sound analytical judgement of requirements
A9	Specification analysis/interpretation - session 6	<input type="radio"/>	Solution shows sound analytical judgement of requirements
		<input type="radio"/>	Solution shows sound analytical judgement of requirements
A10	Specification analysis/interpretation - session 7	<input type="radio"/>	Solution shows sound analytical judgement of requirements
		<input type="radio"/>	Solution shows sound analytical judgement of requirements

Sub Criteria ID	Sub Criteria Name or Description	Aspect Type O = Obj S = Sub J = Judg	Aspect - Description	Judg Score
B1	Deliverable submission - session 1	O	All session 1 deliverables complete and submitted on time	
B2	Deliverable submission - session 2	O	All session 2 deliverables complete and submitted on time	
B3	Deliverable submission - session 3	O	All session 3 deliverables complete and submitted on time	
B4	Deliverable submission - session 4	O	All session 4 deliverables complete and submitted on time	
B5	Deliverable submission - session 5	O	All session 5 deliverables complete and submitted on time	
B6	Deliverable submission - session 6	O	All session 6 deliverables complete and submitted on time	
B7	Deliverable submission - session 7	O	All session 7 deliverables complete and submitted on time	
B8	Staff tables and data - session 1	O	Staff, position, timesheet tables created correctly	
		O	Staff, position, timesheet data imported correctly	
B9	Sponsor a runner - session 1	O	Form functions correctly	
		O	Validation works - tested using provided test data	
B10	List of charities - session 1	O	Charities listed correctly	
B11	Login functionality - session 2	O	Login form validation works - tested using provided test data	
		O	Redirection to runner/coordinator/administrator menus works	
B12	Runner registration - session 2	O	Form functions correctly	
		O	Validation works - tested using provided test data	
B13	Register for event - session 2			

B14	Edit your profile - session 2	<input type="radio"/>	Form functions correctly
		<input type="radio"/>	Form functions correctly
B15	My race results - session 3	<input type="radio"/>	Validation works - tested using provided test data
		<input type="radio"/>	Race results and information calculated and displayed correctly
B16	How long is a marathon - session 3	<input type="radio"/>	Feature works as demonstrated in the sample
B17	Interactive map - session 3	<input type="radio"/>	Feature works as demonstrated in the sample
B18	Previous race results - session 4	<input type="radio"/>	Race results and information calculated and displayed correctly
		<input type="radio"/>	Filtering/sorting works correctly
B19	My sponsorship - session 4	<input type="radio"/>	Charity info and sponsorship details listed
B20	Runner management - session 4	<input type="radio"/>	Runners displayed correctly
		<input type="radio"/>	Filtering/sorting works correctly
B21	Export runner details - session 4	<input type="radio"/>	CSV file is generated correctly
B22	Export runner email addresses - session 4	<input type="radio"/>	Email addresses shown in correct format and is able to be copied
B23	Manage a runner - session 5	<input type="radio"/>	All information displayed correctly
B24	Edit runner profile - session 5	<input type="radio"/>	Form functions correctly
		<input type="radio"/>	Validation works - tested using provided test data

B25	Certificate preview - session 5	<input type="radio"/> Event selector works <input type="radio"/> Information calculated and displayed correctly		
B26	Sponsorship overview - session 5	<input type="radio"/> Charities listed correctly		
B27	User management - session 6	<input type="radio"/> Users displayed correctly <input type="radio"/> Filtering/sorting works correctly		
B28	Edit a user - session 6	<input type="radio"/> Form functions correctly <input type="radio"/> Validation works - tested using provided test data		
B29	Add a new user - session 6	<input type="radio"/> Form functions correctly <input type="radio"/> Validation works - tested using provided test data		
B30	Manage charities - session 6	<input type="radio"/> Charities displayed correctly		
B31	Add/edit charity - session 6	<input type="radio"/> Form functions correctly <input type="radio"/> Validation works - tested using provided test data		
B32	Volunteer management - session 7	<input type="radio"/> Volunteers displayed correctly		
B33	Import volunteers - session 7	<input type="radio"/> CSV file is imported correctly		
B34	BMI calculator - session 7	<input type="radio"/> Form functions correctly <input type="radio"/> BMI value displayed in visual format		
B35	BMR calculator - session 7	<input type="radio"/> Form functions correctly		

B36	Testing document - session 6			
B37	Error/exception handling - session 7	<input type="radio"/> Testing summary filled in correctly <input type="radio"/> Test cases work together to thoroughly test functionality <input type="radio"/> All 10 test cases are useful and filled in correctly  <input type="radio"/> All errors/exceptions handled properly (program does not crash)		
Sub Criteria ID	Sub Criteria Name or Description	Aspect Type O = Obj S = Sub J = Judg	Aspect - Description	Judg Score
C1	Naming conventions - session 7	<input type="radio"/> A clear, meaningful naming convention is evident <input type="radio"/> Naming convention used throughout the whole project		
C2	Adherence to style guide - session 7	<input type="radio"/> Correct use of fonts <input type="radio"/> Correct use of colours <input type="radio"/> Correct use of logo <input type="radio"/> User interface elements are neatly arranged (alignment, sizing, e		
C3	Consistent user interface - session 7	<input type="radio"/> Back button appears consistently on all windows (except main m <input type="radio"/> Logout button appears consistently when appropriate <input type="radio"/> Header and title are consistent across all windows		
Sub Criteria ID	Sub Criteria Name or Description	Aspect Type O = Obj S = Sub J = Judg	Aspect - Description	Judg Score
D1	Comments (technical doc) - session 7	<input type="radio"/> Is the code commented in a useful way throughout the whole sys		

D2	Presentation of solution (user doc) - session 8	O	Are all parts of the system documented in the presentation?	
D3	Feedback messages (user doc) - session 7	O	Are helpful feedback messages (e.g. error, success) given through	
Sub Criteria ID	Sub Criteria Name or Description	Aspect Type O = Obj S = Sub J = Judg	Aspect - Description	Judg Score
E1	Presentation of solution - session 8	S	PowerPoint presentation documenting entire system	
		S	PowerPoint presentation is professional	

Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only)	Requirement or Nominal Size (Obj Only)	WSSS Section	Max Mark
		1	0.50
		1	0.50
Deduct 0.5 marks for each item missing from the Meeting		2	3.00
Deduct 0.2 marks for each missing/wrong entity		4	1.00
Deduct 0.2 marks for each missing/wrong attribute		4	2.00
Deduct 0.2 marks for each missing/wrong relationship		4	1.00
Deduct 0.5 marks if more than 10% wrong, OR		4	2.00
Deduct 1.0 marks if more than 20% wrong, OR			
Deduct 1.5 marks if more than 30% wrong, OR			
Deduct 2.0 marks if more than 50% wrong			
Deduct 0.1 marks for each missing/wrong attribute		4	1.00

Criterion  
A

Total  
Mark 34.00



Deduct 0.1 marks for each wrong type/size	4	1.00
Deduct 0.1 marks for each missing/wrong item	4	1.00
Does it match the requirements? Does it consider the client's requirements?	4	3.00
Deduct 1.0 marks if more than 10% wrong, OR		
Deduct 2.0 marks if more than 30% wrong, OR		
Deduct 3.0 marks if more than 60% wrong		
Does it match the requirements? Does it consider the client's requirements?	4	3.00
Deduct 1.0 marks if more than 10% wrong, OR		
Deduct 2.0 marks if more than 30% wrong, OR		
Deduct 3.0 marks if more than 60% wrong		
Does it match the requirements? Does it consider the client's requirements?	4	3.00
Deduct 1.0 marks if more than 10% wrong, OR		
Deduct 2.0 marks if more than 30% wrong, OR		
Deduct 3.0 marks if more than 60% wrong		
Does it match the requirements? Does it consider the client's requirements?	4	3.00
Deduct 1.0 marks if more than 10% wrong, OR		
Deduct 2.0 marks if more than 30% wrong, OR		
Deduct 3.0 marks if more than 60% wrong		
Does it match the requirements? Does it consider the client's requirements?	4	3.00
Deduct 1.0 marks if more than 10% wrong, OR		
Deduct 2.0 marks if more than 30% wrong, OR		
Deduct 3.0 marks if more than 60% wrong		
Does it match the requirements? Does it consider the client's requirements?	4	3.00
Deduct 1.0 marks if more than 10% wrong, OR		
Deduct 2.0 marks if more than 30% wrong, OR		
Deduct 3.0 marks if more than 60% wrong		

Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only)	Requirement or Nominal Size (Obj Only)	WSSS Section	Max Mark
		1	1.00
		1	1.00
		1	1.00
		1	1.00
		3	1.00
		3	1.00
		3	1.00
Table names, field names, data types/sizes, relationships Deduct 0.1 marks for each 10% that is wrong		5	1.00
All records imported, all values in correct formats Deduct 0.15 marks for each 10% that is wrong		5	1.50
Runner list, donation amount buttons, charity info pop-up, Deduct 0.1 marks for each 10% that is wrong		5	1.00
Deduct 0.05 marks for each 10% that is wrong		5	0.50
Logo, name and description all showing properly Deduct 0.05 marks for each 10% that is wrong		5	0.50
Deduct 0.1 marks for each 10% that is wrong		5	1.00
Deduct 0.05 marks for each 10% that is wrong		5	0.50
Gender and country lists, writes to DB Deduct 0.05 marks for each 10% that is wrong		5	0.50
Deduct 0.05 marks for each 10% that is wrong		5	0.50

Criterion B      Total Mark      51.00

Charity list + pop-up, cost calculated correctly, writes to DB Deduct 0.1 marks for each 10% that is wrong	5	1.00
Gender and country lists, reads info from DB, writes to DB Deduct 0.05 marks for each 10% that is wrong Deduct 0.05 marks for each 10% that is wrong	5	0.50
Runner details, events listed, times formatted, both ranks Deduct 0.15 marks for each 10% that is wrong	5	0.50
Runner details, events listed, times formatted, both ranks Deduct 0.15 marks for each 10% that is wrong	5	1.50
Items in speed/distance tabs, large information displayed Deduct 0.2 marks for each 10% that is wrong	3	2.00
Checkpoints clickable, services/icons displayed for each c Deduct 0.2 marks for each 10% that is wrong	5	2.00
Summary statistics, ranks calculated correctly, times form Deduct 0.1 marks for each 10% that is wrong Deduct 0.1 marks for each 10% that is wrong	5	1.00
Summary statistics, ranks calculated correctly, times form Deduct 0.1 marks for each 10% that is wrong Deduct 0.1 marks for each 10% that is wrong	5	1.00
Charity info, all sponsorship listed, total calculated Deduct 0.1 marks for each 10% that is wrong	5	1.00
Summary statistics, runner info, edit button works Deduct 0.1 marks for each 10% that is wrong Deduct 0.05 marks for each 10% that is wrong	5	1.00
Summary statistics, runner info, edit button works Deduct 0.1 marks for each 10% that is wrong Deduct 0.05 marks for each 10% that is wrong	5	0.50
File created, data in correct format, correct runners export Deduct 0.1 marks for each 10% that is wrong	5	1.00
Correct format, correct runners displayed, able to copy the Deduct 0.05 marks for each 10% that is wrong	5	0.50
Registration status with icons, gender, country, race kit op Deduct 0.1 marks for each 10% that is wrong	5	1.00
Registration status, gender, country lists, reads info from D Deduct 0.05 marks for each 10% that is wrong Deduct 0.05 marks for each 10% that is wrong	5	0.50
Registration status, gender, country lists, reads info from D Deduct 0.05 marks for each 10% that is wrong Deduct 0.05 marks for each 10% that is wrong	5	0.50

Deduct 0.05 marks for each 10% that is wrong	5	0.50
Race time, event name, total sponsorship amount, charity	5	0.50
Deduct 0.05 marks for each 10% that is wrong		
Summary statistics, logo images, sorting	5	0.50
Deduct 0.05 marks for each 10% that is wrong		
Summary statistics, user info, edit/add buttons work	5	0.50
Deduct 0.05 marks for each 10% that is wrong		
Deduct 0.05 marks for each 10% that is wrong	5	0.50
Role list, reads info from DB, writes to DB	5	0.50
Deduct 0.05 marks for each 10% that is wrong		
Deduct 0.05 marks for each 10% that is wrong	5	0.50
Role list, reads info from DB, writes to DB	5	0.50
Deduct 0.05 marks for each 10% that is wrong		
Deduct 0.05 marks for each 10% that is wrong	5	0.50
Charity info + logo, edit/add buttons work	5	0.50
Deduct 0.05 marks for each 10% that is wrong		
Charity image displayed, new image saves, reads info from	5	1.00
Deduct 0.1 marks for each 10% that is wrong		
Deduct 0.05 marks for each 10% that is wrong	5	0.50
Summary statistics, logo images, volunteer info	5	0.50
Deduct 0.05 marks for each 10% that is wrong		
File read, format validated, volunteer data imported correct	5	1.50
Deduct 0.15 marks for each 10% that is wrong		
Gender selection, BMI value is calculated correctly	5	0.50
Deduct 0.05 marks for each 10% that is wrong		
BMI icon correct, BMI scale correct	5	1.00
Deduct 0.1 marks for each 10% that is wrong		
Gender selection, BMR value & "daily calories burned" calculated	5	1.50

Deduct 0.15 marks for each 10% that is wrong		6	0.50
		6	0.50
Deduct 0.5 marks for each inadequate item		6	5.00
Deduct 1.0 marks for each unhandled error/exception		6	4.00

Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only)	Requirement or Nominal Size (Obj Only)	WSSS Section	Max Mark
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Criterion C      Total Mark      5.00

Deduct 0.4 marks if more than 20% are missing, OR Deduct 0.8 marks if more than 80% are missing		5 5	0.20 0.80
Deduct 0.25 marks if more than 20% are wrong		5	0.50
Deduct 0.25 marks if more than 20% are wrong		5	0.50
Deduct 0.25 marks if more than 20% are wrong		5	0.50
Deduct 0.5 marks if more than 20% are wrong, OR Deduct 1.0 marks if more than 50% are wrong, OR Deduct 1.5 marks if more than 80% are wrong		5	1.50
Deduct 0.15 marks if more than 20% are wrong		5	0.30
Deduct 0.15 marks if more than 20% are wrong		5	0.30
Deduct 0.2 marks if more than 20% are wrong		5	0.40

Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only)	Requirement or Nominal Size (Obj Only)	WSSS Section	Max Mark
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Criterion D      Total Mark      5.00

Deduct 1.0 marks if not present throughout the whole syst		7	3.00
Deduct 1.0 marks if not helpful/useful			

Deduct 3.0 marks if not present at all			
Deduct 0.1 marks for each part not documented		7	1.00
Deduct 0.5 marks if more than 20% are missing, OR Deduct 1.0 marks if more than 80% are missing		7	1.00
Extra Aspect Description (Obj or Subj) OR Judgement Score Description (Judg only)	Requirement or Nominal Size (Obj Only)	WSSS Section	Max Mark
Are all features of the system shown in the presentation? TOTAL SCORE 10		5	3.00
Does the presentation conform to the style guide? Is this presentation professional according to industry standards? TOTAL SCORE 10		2	2.00

Criterion E      Total Mark      5.00

Competition      Total Mark      100.00