Task 1 Activity B – The Design – The Data Requirements

Indicative content and marker guidance
Data design may be in the form of: • data dictionaries, • entity-relationship diagrams, • data flow diagrams, • static and dynamic model diagrams or a combination as appropriate to describe the planned solution Note – data normalisation may not be required depending on the identified/proposed solution. Data considered should be appropriate for the needs of **Health Advice Group** which may include: • User stats • Pre-defined health conditions • Locations • Individual user health data over time • Live and historical weather data • Usage stats The design should show an understanding of error handling procedures which may include: • Data validation rules • Input masks • Type casting • Feedback to user/error messages • Limiting field/variable length

Assessment Focus	**Band 0**	**Band 1**	**Band 2**	**Band 3**
	0	**1-2**	**3-4**	**5-6**
The design of the data requirements	No rewardable material	Data requirements for the proposed solution are somewhat appropriate, including (as required): • variables • data structures • data types Naming conventions used are mostly appropriate but are inconsistent. Effective error handling procedures are identified for some inputs/processes that require them.	Data requirements for the proposed solution are mostly appropriate, including (as required): • variables • data structures • data types Naming conventions used are appropriate and mostly consistent. Effective error handling procedures are identified for most inputs/processes that require them.	Data requirements for the proposed solution are fully appropriate, including (as required): • variables • data structures • data types Thoroughly appropriate and consistent naming conventions are used throughout. Thoroughly effective error handling procedures are identified for the inputs/processes that require them.