

## Highfield Level 4 End-Point Assessment for ST0116 Software Developer

### Apprentice Details

Name	
Employer	
Training Provider	

### Portfolio of evidence

It is a requirement of this assessment plan that a portfolio of evidence is submitted at Gateway to support the professional discussion. This is not assessed. Please see the EPA-kit for more information on the requirements for the portfolio of evidence.

Please indicate below which piece of evidence is mapped to each KSB covered in the professional discussion. Please use the same reference as the file name to ensure the correct piece of evidence can be located.

KSB	Evidence reference	Evidence location
<b>K1</b> All stages of the software development lifecycle (what each stage contains, including the inputs and outputs). (PD1)		
<b>K3</b> The roles and responsibilities of the project lifecycle within your organisation, and your role. (PD2)		
<b>K4</b> How best to communicate using the different communication methods and how to adapt appropriately to different audiences. (PD3, <i>PD22</i> )		
<b>K5</b> The similarities and differences between different software development methodologies, such as agile and waterfall. (PD4)		
<b>K7</b> Software design approaches and patterns, to identify reusable off-the-shelf solutions to commonly occurring problems. (PD5, <i>PD23</i> )		

<b>K8</b> Organisational policies and procedures relating to the tasks being undertaken, and when to follow them. For example, the storage and treatment of GDPR sensitive data. (PD6)		
<b>K10</b> Principles and uses of relational and non-relational databases. (PD7)		
<b>K12</b> Software testing frameworks and methodologies. (PD8, <i>PD24</i> )		
<b>S2</b> Develop effective user interfaces. (PD9)		
<b>S3</b> Link code to data sets. (PD10)		
<b>S5</b> Conduct a range of test types, such as Integration, System, User Acceptance, Non-Functional, Performance and Security testing. (PD11)		
<b>S8</b> Create simple software designs to effectively communicate understanding of the program. (PD12)		
<b>S9</b> Create analysis artefacts, such as use cases and/or user stories. (PD13)		
<b>S13</b> Follow testing frameworks and methodologies. (PD11)		
<b>S14</b> Follow company, team or client approaches to continuous integration, version and source control. (PD6)		
<b>S15</b> Communicate software solutions and ideas to technical and non-technical stakeholders. (PD3, <i>PD22</i> )		
<b>S17</b> Interpret and implement a given design whilst remaining compliant with security and maintainability requirements. (PD14)		
<b>B1</b> Works independently and takes responsibility. For example, has a disciplined and responsible approach to risk, and stays motivated and committed when facing challenges. (PD15)		
<b>B4</b> Works collaboratively with a wide range of people in different roles, internally and externally to the team, with a positive attitude to inclusion & diversity. (PD16)		
<b>B5</b> Acts with integrity with respect to ethical, legal and regulatory ensuring the protection of personal data, safety and security. (PD17)		

<b>B6</b> Shows initiative and takes responsibility for solving problems within their own remit, being resourceful when faced with a problem to solve. (PD18)		
<b>B7</b> Communicates effectively in a variety of situations to both a technical and non-technical audience. (PD19, PD22)		
<b>B8</b> Shows curiosity to the business context in which the solution will be used, displaying an inquisitive approach to solving the problem. This includes the curiosity to explore new opportunities, and techniques; the tenacity to improve methods and maximise performance of the solution; and creativity In their approach to solutions. (PD20)		
<b>B9</b> Committed to continued professional development. (PD21)		

### Apprentice Declaration

I confirm that the evidence contained in this portfolio of evidence is all my own work and any assistance given and/or sources used have been acknowledged.

Signed by apprentice (name)	Signature	Date

### Employer Declaration

I confirm that the portfolio of evidence is valid and attributable to the apprentice.

Signed on behalf of employer (name)	Signature	Date