

**JOB DESCRIPTION**

**Senior Developer**

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| **Job Title:** Senior Developer  | **Present Grade:** 8 |
| **Department:** Psychology |
| **Directly responsible to:** Mark Levine |
| **Supervisory responsibility for:** None |
| **Other Contacts** Project team members, colleagues in Library, Sustainability, People and Organisational Effectiveness, Lancaster Environment Centre, ISS and Research and Enterprise Services.**External** Wellcome Trust, other Higher and Further Education institutions particularly those with Wellcome Trust funded institutional research culture project and N8 members |
| **Major Duties:**1. To proactively develop software applications, solutions and appropriate documentation using an agile product-based approach to applications development
2. Design, manage and maintain relevant infrastructure such as databases, web services and APIs to support the needs of developing projects, accepting responsibility for their quality and functional performance
3. Create new and work with existing application data feeds, APIs and other mechanisms to create new applications and services
4. To lead and assist in the day to day project management of software development projects where appropriate
5. To effectively plan and deliver software solutions required to meet the delivery requirements of the grant and to keep this under regular review
6. To assist and support members of the research team in making effective use of IT systems
7. To be a champion for creative and new thinking and innovative working practices, sharing best practice and to keep abreast of industry and sector knowledge and insights
8. To accept responsibility for the quality and functional performance of software applications and services
9. To follow good software engineering and reproducible research practice and disseminate this practice to collaborating partners
10. To work and liaise with external bodies on the specification, evaluation and acceptance of software
11. To attend and report to internal and external meetings as directed
12. To perform such other duties, appropriate to the grade, as may be directed by the Wellcome Trust research grant leadership team
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