

<b>Job title</b>	<b>Senior Tester</b>		
<b>Job family</b>	<b>Technology, Systems &amp; Delivery</b>	<b>Band</b>	<b>D</b>

## Job purpose

Responsible for designing, communicating and implementing test approaches in product development. Work closely with all members of the product development team. The Senior Tester will co-ordinate testing activities for a product and ensure the spread of good practice and knowledge.

## Key responsibilities and accountabilities

- Leading the definition and execution of the test approach for a product.
- Planning, estimating, reporting and directing test activities for a product.
- Collaborating and integrating with other product development team members to ensure the delivery of a product to specification.
- Creating manual and/or automated test cases to verify functional and non-functional requirements of a product in various stages of the development life cycle.
- Liaising with other product teams to ensure joined-up testing approaches for multi-team projects.
- Troubleshooting, finding critical bugs or verifying reported issues, identifying their underlying cause and seeing them through to resolution liaising with other teams where appropriate.
- Producing descriptive and concise reports that evidence the functionality of a product.
- Aligning with and supporting the test process to ensure its consistent application across multiple teams.
- Communicating status information and issues to a variety of stakeholders, adapting appropriately depending on the audience.
- Supporting and leading change through experimenting and analysis to improve processes.
- Keeping up with developments in testing methodology by attending specialist interest groups and conferences, both externally and within the BBC.
- Contributing to the development of junior team members.
- Liaising with external suppliers.
- Play a leading role in the growth of an effective internal test community.
- Engage with external organisations in order to exchange knowledge and raise the profile of the department in the wider tech community.

## Knowledge, skills, training and experience

### Essential

- Testing skills developed through experience.
- Ability to balance departmental strategy, audience experience, resources and technology constraints to regularly deliver value.
- Good aptitude for learning new technologies and ways of working.
- Ability to create, adapt and execute effective test strategies.
- Ability to think creatively, problem solve and innovate.
- Good written and spoken communications skills; comfortable engaging at all levels in the organisation.

- Work closely and communicating clearly within cross-functional teams.
- Ability to experiment, analyse and continually improve test practice.
- Ability to explain complex technical concepts to a non-technical audience.
- Working knowledge of product/defect/test case management systems.
- Good understanding of test automation and its value and application within agile delivery.
- Ability to coach and mentor junior team members.
- Ability to anticipate problems and tackle them with a pragmatic approach.
- An appreciation of good user experience and able to be the users' advocate.
- Good understanding of usability and accessibility of applications and products.

**Job Impact**

**Scope**

Finance: No financial responsibility.

Line management: No line management responsibility but may mentor and train more junior members of the team.

Ad-hoc Teams: Will frequently lead an ad-hoc team of testers on a multi-team project (typically up to 4 testers) or participate in a cross-discipline (ad-hoc) project teams (typically 12 participants).

**Other information**

**For Reward team use only**

Job Code

Definition:

Content

*This job description is a written statement of the essential characteristics of the job, with its principal accountabilities, incorporating a note of the skills, knowledge and experience required for a satisfactory level of performance. This is not intended to be a complete, detailed account of all aspects of the duties involved.*

### Appendix

The BBC News App team are looking for an experienced senior mobile app tester to assist in the delivery of exciting new features for our UK and global audiences. Joining this team is a unique opportunity to work with us on a product that is globally recognisable, has a very high public profile and enjoys levels of reach and engagement to millions that other apps can only dream about. Currently our News app is available for UK and international English speaking audiences, as well as Arabic, Hindi, Russian, Spanish and Welsh language users, with more international variants in the works.

We are seeking an individual who has a thorough understanding of testing native apps on iOS and Android platforms. We encourage new ideas and are not afraid to try something out - if we fail; we learn fast, try again and move forward. You will collaborate on implementing automated test frameworks and the appropriate test strategy to effectively deliver value to our users. Furthermore, you should have the ability to engage with developers in order to ensure that quality is at the forefront of everything we do. Our approach and team culture is important to us, and we want new members to share this ethos.

We use an agile process and aren't afraid to adapt and change to fit what works best for us. We encourage innovation in our approach to problem solving - whether that is the use of a new technology to create a bespoke test framework or introducing a pragmatic way of working that improves efficiency. We are seeking an individual who is confident to speak out and take the lead rather than waiting for direction. You'll have the opportunity to engage with test engineers across the BBC and tap into the wealth of knowledge and experience of an organisation serving a global audience.

Learning is an important part of the role, and as a team member you'll have access to BBC Academy training programmes, the opportunity to attend technology conferences, and other resources which will help you to progress as a tester.

### Key Responsibilities

- Collaborate in developing an automation test framework for mobile apps using tools including Espresso and XCUITest.
- Pairing with developers to ensure we have a robust and well written suite of automated UI checks.
- Acting as part of a cross-functional sprint team, performing activities including manual ticket verification and exploratory testing.
- Perform 'test coaching' to the rest of the team. Taking the lead on advocating quality in everything we do.
- Taking ownership of the test approach and providing valuable information to the product team in order for them to make informed product decisions.
- Contributing to discussions on test process and procedural improvements.

### Essential Skill List

- Ability to produce quality, reusable and maintainable automated checks.
- A forward thinking tester who can actively contribute fresh ideas to the way we approach testing in the team.
- Ability to pair with developers to implement automated checks.

- Understanding of mobile test frameworks such as XCUITest and Espresso.
- Working knowledge of a Continuous Integration system.
- An understanding of tools such as Charles, Fiddler or Wiremock.
- An understanding of installation and distribution tools such as TestFlight, ADB and HockeyApp.
- Ability to lead the test approach at different scales i.e. for a project, team or feature.

### **Desirable Skill List**

- Experience of native languages such as Swift or Kotlin.
- Some test leadership experience
- An understanding of componentised app architecture.
- Familiarity with a build, measure, learn approach.
- Engaged in the wider mobile application development community.
- Healthy interest in upcoming techniques and technology and an ability to describe to us something you're passionate about.