

# Validation Protocol

## <Software>

Protocol version: V1.0

effective from: 25.03.2022

Replaced version: n.a.

dated from: n.a

Author Name: Praveen Das

Date: 25.03.2022

Approval:

Date:

Changes towards last version:

| Section | Description of changes |
|---------|------------------------|
| n.a.    | n.a.                   |

Project name: Building a NEWS App

Project number: 0001

Project Leader: Elektrobit-Automotive

Test Number: SYRQ-1.1

Short Description of Requirement: The app shall be written in Kotlin or Java, preferably Kotlin.

Validation step: 1 Validation/Verification Procedure General Rules \_\_\_\_\_  
*Revision No* *Belonging Protocol* *Signature Author*

| Step  | Action                     | Criteria of acceptance |        | Failure |     | Changes |
|---|----------------------------|------------------------|--------|---------|-----|---------|
|   |                            | Passed                 | Failed | Mode    | No. |         |
| 1   | Open the project manually  |                        |        |         |     |         |
| 2   | Open the build.gradle(app) | kotlin                 |        |         |     |         |
| Statement:<br><br><pre>plugins {<br/>    id 'com.android.application' version '7.1.2' apply false<br/>    id 'com.android.library' version '7.1.2' apply false<br/>    id 'org.jetbrains.kotlin.android' version '1.5.30' apply false<br/>}</pre> |                            |                        |        |         |     |         |

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Review: \_\_\_\_\_

*Name*                      *Date*                      *signature*

## <Software>

**dated from:** n.a

Date:

| Section | Description of changes |
|---------|------------------------|
| n.a.    | n.a.                   |

**Test Number:** SYRQ-1.2

Validation step: 1 Validation/Verification Procedure General Rules

| <i>Revision No</i> | <i>Belonging Protocol</i> | <i>Signature Author</i> |
|--------------------|---------------------------|-------------------------|
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| Step       | Action   | Criteria of acceptance        |        | Failure |     | Changes |
|------------|--|-------------------------------|--------|---------|-----|---------|
|            |  | Passed                        | Failed | Mode    | No. |         |
| 1          | Open the android studio IDE  |                               |        |         |     |         |
| 2          | Open settings→ Appearance<br>& Behaviour → System<br>Settings → Update | Android<br>Studio<br>Bublebee |        |         |     |         |
| Statement: |  |                               |        |         |     |         |

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Review: \_\_\_\_\_

*Name*                      *Date*                      *signature*

## <Software>

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|---------|------------------------|
| n.a.    | n.a.                   |

**Test Number:** SYRQ-1.3, SYRQ-1.3, SYRQ-1.9

**Short Description of Requirement:**

- 1) The app shall support both portrait and landscape modes.
- 2) News headlines shall be presented in a list format.
- 3) User shall be able to scroll through the list of headlines.

Validation step: 1 Validation/Verification Procedure General Rules  
 Revision No \_\_\_\_\_ Belonging Protocol \_\_\_\_\_ Signature Author \_\_\_\_\_

| Step | Action                                  | Criteria of acceptance  |        | Failure |     | Changes |
|------|---|---|--------|---------|-----|---------|
|      |   | Passed  | Failed | Mode    | No. |         |
| 1    | Install the apk file to android device. |   |        |         |     |         |
| 2    | Click the BBC News App                  |   |        |         |     |         |
| 3    | Rotate the android device               | App working smoothly in both portrait and landscape modes and other requirements. |        |         |     |         |

Statement:



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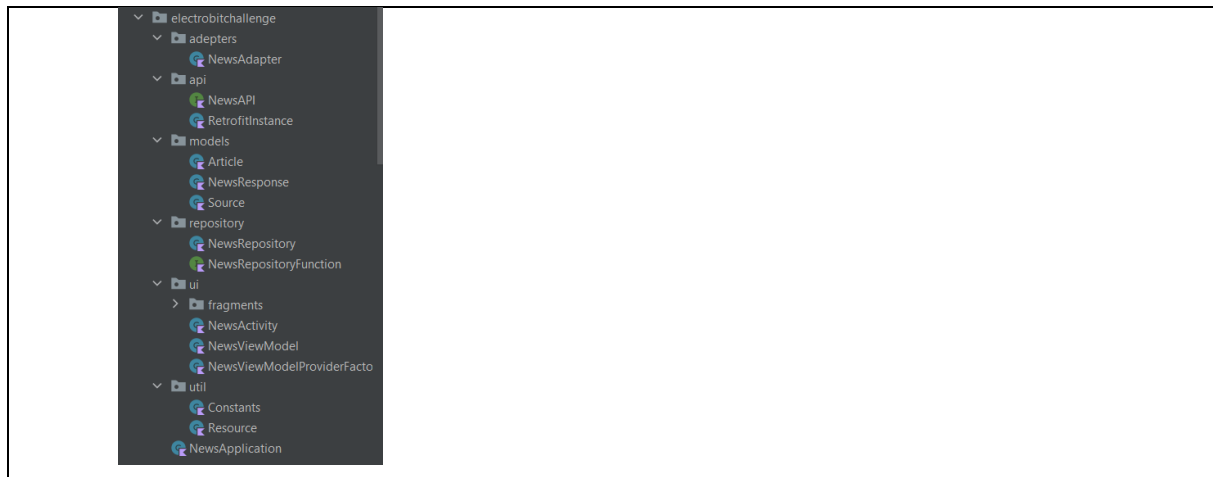
Autor: Praveen  
 Name \_\_\_\_\_ Date \_\_\_\_\_ Signature Author \_\_\_\_\_

Review: \_\_\_\_\_

*signature*

| Step | Action   | Criteria of acceptance  |        | Failure |     | Changes |
|------|--|-------------------------|--------|---------|-----|---------|
|      |  | Passed                  | Failed | Mode    | No. |         |
| 1    | Open the project inside the android studio IDE |                         |        |         |     |         |
| 2    | Folder structure and build.gradle.             | Shows MVVM architecture |        |         |     |         |

Statement:



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Autor: \_\_\_\_\_ Praveen \_\_\_\_\_  
*Name Date Signature Author*

Review: \_\_\_\_\_

*Name*                      *Date*                      *signature*

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**Project name:** Building a NEWS App

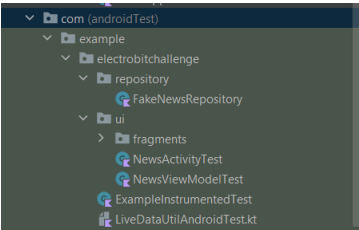
**Project number:** 0001

**Project Leader:** Elektrobit-Automotive

Test Number: SYRQ-1.5

Short Description of Requirement: Software testing procedure shall be used.

Validation step: 1 Validation/Verification Procedure General Rules  
Revision No Belonging Protocol Signature Author

| Step  | Action   | Criteria of acceptance           |        | Failure |     | Changes |
|---|--|----------------------------------|--------|---------|-----|---------|
|   |  | Passed                           | Failed | Mode    | No. |         |
| 1   | Open the project inside the android studio IDE |                                  |        |         |     |         |
| 2   | Navigate inside the androidTest folder.        | Unit test done for some feature. |        |         |     |         |
| Statement:<br>            |  |                                  |        |         |     |         |
| Remarks: not completed: due to time constrain and little bit lack of knowledge. Need support from superior. |  |                                  |        |         |     |         |

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Project name: Building a NEWS App

Project number: 0001

Project Leader: Elektrobit-Automotive

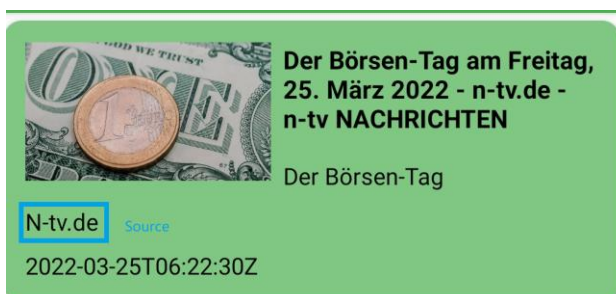
Test Number: SYRQ-1.6

Short Description of Requirement: News provider name shall be shown as a screen.

Validation step: 1 Validation/Verification Procedure General Rules \_\_\_\_\_  
Revision No Belonging Protocol Signature Author

| Step | Action                                  | Criteria of acceptance   |        | Failure |     | Changes |
|------|---|--------------------------|--------|---------|-----|---------|
|      |   | Passed                   | Failed | Mode    | No. |         |
| 1    | Install the apk file to android device. |                          |        |         |     |         |
| 2    | Click the BBC News App                  | Shows source of headline |        |         |     |         |

Statement:





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Name

Review: \_\_\_\_\_  
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**Project name:** Building a NEWS App

**Project number:** 0001

**Project Leader:** Elektrobit-Automotive

**Test Number:** SYRQ-1.8, SYRQ-1.10

**Short Description of Requirement:** 1) Each cell shall be present the headline title.  
2) Each cell shall be present headline image.

|                           |  |                         |
|---------------------------|--|-------------------------|
| Validation step: <u>1</u> | <u>Validation/Verification Procedure General Rules</u> |                         |
| <i>Revision No</i>        | <i>Belonging Protocol</i>                              | <i>Signature Author</i> |

