**Level 1**

**Exercise 1:**

**Correct answer:** D

Exercise 2

**Correct answer:** D

**Level 2**

**Exercise 2:**

**Correct answer**: C (covers less than 3 hours of light and very low intensity but we need more cases to cover all the conditions)

**Exercise 3:**

**Correct answer:** C

I believe that the other options do not cover all the conditions.

Option A covers only the high resolution partition.

Option B covers one partition for the low resolution and one for the high resolution.

Option D would use only 1 test case to test all the 4 different partitions which I think is not possible.

So, C seems to be the only correct answer as we would cover all the partitions.

**LEVEL 3**

**Exercise 2:**

Requirements:

-Minimum size of photos=50kb

-Maximum size of photos=10mb

-minimum length of comments=2 characters

-maximum length of comments=100 characters

-minimum resolution of image=640x480

-maximum resolution of image= 1920x1080

**TEST CASES FOR IMAGE SIZE UPLOADING**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Precondition** | **TEST CASE ID** | **TITLE** | **DESCRIPTION** | **STEPS** | **EXPECTED RESULT** | **PRIORITY** |
| User has already registered to the app | 1.1 | Test image uploading with the size less than the minimum | Upload a photo with a size less than the minimum (49kb) | 1.Click to upload a photo  2.Choose a 49kb photo from your gallery  3.Click ‘Upload’ CTA | 1.Device’s gallery opens  2.The image remains chosen.  3.An error appears: ‘The minimum image size should be 50kb’ | Critical |
| 1.2 | Test image uploading equal to the minimum accepted size | Upload a photo with the minimum accepted size (50kb) | 1.Click to upload a photo  2.Choose a 50kb photo from your gallery  3.Click ‘Upload’ CTA | 1.Device’s gallery opens  2.The image remains chosen.  3.Image uploaded successfully | Critical |
| 1.3 | Test image uploading between the accepted range | Upload a photo with a size between the accepted range (4MB) | 1.Click to upload a photo  2.Choose a 4mb photo from your gallery  3.Click ‘Upload’ CTA | 1.Device’s gallery opens  2.The image remains chosen.  3.Image uploaded successfully | Critical |
| 1.4 | Test image uploading with the size more than the maximum accepted | Upload a photo with a size more than the maximum accepted (11mb) | 1.Click to upload a photo  2.Choose a 11mb photo from your gallery  3.Click ‘Upload’ CTA | 1.Device’s gallery opens  2.The image remains chosen.  3.An error appears: ‘The maximum image size should be 10mb’ | Critical |
|  | 1.5 | Test image uploading equal to the maximum accepted size | Upload a photo with the minimum accepted size (10mb) | 1.Click to upload a photo  2.Choose a 10mb photo from your gallery  3.Click ‘Upload’ CTA | 1.Device’s gallery opens  2.The image remains chosen.  3.Image uploaded successfully | Critical |

**Test cases for photo resolution**

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| --- | --- | --- | --- | --- | --- | --- |
| **Precondition** | **TEST CASE ID** | **TITLE** | **DESCRIPTION** | **STEPS** | **EXPECTED RESULT** | **PRIORITY** |
| User has already registered to the app | 2.1 | Test image uploading with resolution less than the minimum | Upload a photo with a resolution less than the minimum (639x479 px) | 1.Click to upload a photo  2.Choose a 639x479 px photo from your gallery  3.Click ‘Upload’ CTA | 1.Device’s gallery opens  2.The image remains chosen.  3.An error appears: ‘The minimum image resolution should be 640x480px’ | Critical |
| 2.2 | Test image uploading equal to the minimum accepted resolution | Upload a photo with the minimum accepted resolution (640x480px) | 1.Click to upload a photo  2.Choose a 640x480px photo from your gallery  3.Click ‘Upload’ CTA | 1.Device’s gallery opens  2.The image remains chosen.  3.Image uploaded successfully | Critical |
| 2.3 | Test image uploading between the accepted range | Upload a photo with a size between the accepted range (1280x720px) | 1.Click to upload a photo  2.Choose a1280x720px photo from your gallery  3.Click ‘Upload’ CTA | 1.Device’s gallery opens  2.The image remains chosen.  3.Image uploaded successfully | Critical |
| 2.4 | Test image uploading with the size more than the maximum accepted | Upload a photo with a size more than the maximum accepted (1921x1081px) | 1.Click to upload a photo  2.Choose a 1921x1081px photo from your gallery  3.Click ‘Upload’ CTA | 1.Device’s gallery opens  2.The image remains chosen.  3.An error appears: ‘The maximum image resolution should be 1920x1080px’ | Critical |
|  | 2.5 | Test image uploading equal to the maximum accepted size | Upload a photo with the minimum accepted size (1920x1080  ) | 1.Click to upload a photo  2.Choose a 1920x1080  photo from your gallery  3.Click ‘Upload’ CTA | 1.Device’s gallery opens  2.The image remains chosen.  3.Image uploaded successfully | Critical |

**TEST CASES FOR COMMENT LENGTH**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Precondition** | **TEST CASE ID** | **TITLE** | **DESCRIPTION** | **STEPS** | **EXPECTED RESULT** | **PRIORITY** |
| User has already registered to the app | 3.1 | Test comment uploading less than the minimum accepted | Add a comment with a length less than the minimum (1 character). | 1.Click to add a comment  2.Add one character  3.Click ‘enter’ | 1.A comment tab opens  2.The tab remains active  3.A pop up error appears: ‘Please, add at least 2 characters’ | Critical |
| 3.2 | Test comment uploading equal to the minimum accepted | Add a comment with a length equal to the minimum (2 characters). | 1.Click to add a comment  2.Add 2 characters  3.Click ‘enter’ | 1.A comment tab opens  2.The tab remains active  3.Comment uploaded | Critical |
| 3.3 | Test comment uploading less than the minimum accepted | Add a comment with a length less than the minimum (1 character). | 1.Click to add a comment  2.Add one character  3.Click ‘enter’ | 1.A comment tab opens  2.The tab remains active  3.A pop up error appears: ‘Please, add at least 2 characters’ | Critical |
| 3.4 | Test comment uploading between the acceptable range | Add a comment between the acceptable range (50 characters) | 1.Click to add a comment  2.Add 50 characters  3.Click ‘enter’ | 1.A comment tab opens  2.The tab remains active  3.Comment uploaded | Critical |
|  | 3.5 | Test comment uploading equal to the maximum accepted | Upload a comment with the maximum accepted size (100characters  ) | 1.Click to add a comment  2.Add 100 characters  3.Click ‘enter’ | 1.A comment tab opens  2.The tab remains active  3.Comment uploaded | Critical |
|  | 3.6 | Test comment uploading with more characters than the maximum accepted | Upload a comment with more characters than the maximum accepted (150characters  ) | 1.Click to add a comment  2.Add 150 characters  3.Click ‘enter’ | 1.A comment tab opens  2.The tab turns with red color  3.an error appears: ‘Please, add up to 100 characters’’ | Critical |