Debugging and Traceability

Date	3 November 2023
Team ID	NM2023TMID09736
Project Name	How to create a Reel using Canva

Debugging and traceability for Instagram Reels creation involves identifying and resolving issues that may arise during the process of creating and publishing Reels. Here are some steps and tips to help you with this:

1. Plan Your Reel: Before you start creating a Reel, it's essential to plan your content, script, and any special effects or transitions you want to include. This will help you avoid issues during the creation process.

2. Equipment and Tools: Make sure your smartphone or camera is in good working condition. Check that you have enough storage space, and your battery is fully charged. Having a tripod or stabilizer can help maintain stability while shooting.

3. App Updates: Ensure that your Instagram app is updated to the latest version. Outdated apps can sometimes cause compatibility issues.

4. Internet Connection: A stable and fast internet connection is crucial for uploading and sharing Reels. Slow or intermittent internet can lead to problems while uploading or sharing your content.

5. Reel Creation Process:

   - Shoot your video in segments if it's a long Reel. This will make it easier to edit and manage.

   - Pay attention to lighting, sound, and composition while shooting to reduce the need for extensive post-processing.

6. Editing Software: Use video editing software to compile and edit your Reel. Popular options include Adobe Premiere Pro, Final Cut Pro, or even mobile apps like InShot or Adobe Rush.

7. Transitions and Effects: If you plan to use transitions or special effects, make sure you understand how they work and test them in your editing software before applying them to your Reel.

8. Music and Audio: When adding music or audio, ensure you have the necessary licenses or permissions to use the content. Instagram's content guidelines are quite strict, and using copyrighted music without permission can lead to issues.

9. Export and Compression: Export your final Reel with appropriate settings to meet Instagram's requirements for file format and size. Overly large files may cause problems during uploading.

10. Uploading and Sharing: Once your Reel is ready, try to upload it at a time when Instagram servers are less busy to avoid potential issues. Make sure your caption and hashtags are added correctly.

11. Debugging Issues: If you encounter issues during any of the above steps, here are some common problems and solutions:

- If your video is not uploading, try a different internet connection.

- If your Reel is stuck in processing, wait for some time, or try uploading again.

- If there are issues with audio, double-check the permissions and format of the audio file.

- For video quality issues, ensure your editing software settings are appropriate for Instagram.

12. Traceability: Maintain a log or documentation of your Reel creation process. Include details like shooting dates, editing software used, music sources, and any specific settings applied. This can be helpful for future reference or if you need to troubleshoot any issues.

13. Feedback and Testing: Before publishing, ask for feedback from others. Test your Reel on different devices to ensure it appears and sounds as intended.

By following these steps and staying organized, you can improve the debugging and traceability of your Instagram Reels creation process, making it easier to identify and resolve issues as they arise.

```html
<!DOCTYPE html>
<html>
<head>
    <link rel="stylesheet" type="text/css" href="styles.css">
</head>
<body>
    <div class="reels-container">
        <!-- Video Player -->
        <div class="video-container">
            <video id="reels-video" autoplay loop>
                <source src="your-video.mp4" type="video/mp4">
            </video>
        </div>
        <!-- User Information -->
        <div class="user-info">
            <img src="user-profile-pic.jpg" alt="User Profile Pic">
            <h2>Username</h2>
            <p>Caption or description</p>
        </div>
        <!-- Like, Comment, Share Buttons -->
        <div class="interactions">
            <button class="like-button">Like</button>
            <button class="comment-button">Comment</button>
            <button class="share-button">Share</button>
        </div>
    </div>
</body>
</html>
```

2. CSS Styling (styles.css):

| index.html | styles.css | script.js | + | 3zsfuj8d9 ✏️ | NEW | HTML ⌄ | RUN ▶ | ⋮ | ⛶ |

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 5  </head>
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24              <button class="share-button">Share</button>
25          </div>
26      </div>
27  </body>
28  </html>
```

User Profile Pic

Username

Caption or description

Like Comment Share

FEEDBACK