# Release Testing

Before the release of our web application, we will use manual tests to ensure that the application offers all the features we intend it to. Firstly, we will break down each of the features to figure out the steps required to utilise each feature. We will then adapt these steps into manual tests which can then be performed by one of our team members. This ensures that the developers’ prior knowledge of the system can’t affect the execution of the tests. We will also invite friends to perform the tests as they would have no prior interaction with the system. This will help us to find issues that we missed, and we can then adapt our tests with this new information.

## User Story Testing

We chose a user story focusing on transcribers because the main purpose of the system is to help them transcribe notebooks more quickly. We decided on this particular user story because this is the element of the system that will most improve the speed of transcribing.

**Chosen user story**: As a transcriber, I want to use machine learning to transcribe handwritten text so that the process can be made faster.

| **Test** | **Action** | **Expected Outcome** |
| --- | --- | --- |
| User is able to edit an existing transcription | User selects a transcription from the Selection page by clicking on the transcription’s name. | The title and contents of the transcription is loaded in to the Transcribe page, as well as the image associated with that transcription. |
| User is able to select a photo to be transcribed | User selects an image file from Selection page by clicking on its name. | The selected image is displayed on the left (default) or right (if the user has clicked the “Swap image/text location” button) side of the page. The other side of the page is an empty text box |
| User is able to automatically transcribe the image | User clicks the “Transcribe text” button | The automatically generated transcription appears in the text box |
| User is able to save the automatically generated transcription | Optionally, user adds a title for the transcription User clicks the “Submit” button | The transcription is saved to the database. This can be verified by either:   * Navigating to the Selection page and checking that the transcription is there and the contents are correct, or * Check on the database itself that the transcription has been saved |
| A transcriber is able to follow the transcription process without input from developers | A user who has not interacted with the system before reads the Instructions page and attempts to follow it | The user successfully follows each step on the Instructions page to create a transcription and save it |