# Team 11: "MiniWatt!"
# Test Plan

Dylan Brashear
Grant Jochums
Craig Wilhite
Adam Worthington
Robbie Mantzoros
Chris Doak

# Test Plan

**ID:** Upload 1
**Severity:** 1
**Title:** Upload valid document
**Instructions:**
1.) Click "upload questions" button.
2.) Select a valid PDF document of properly formatted questions
3.) Click "OK" button.
4.) Click "submit" button
**Expected Result:** A notification is displayed indicating the successful file upload. A PDF file is returned containing answers to questions.

**ID:** Upload 2
**Severity:** 3
**Title:** Upload a blurry document
**Instructions:**
1.) Click "upload questions" button.
2.) Select a blurry PDF document of properly formatted questions
3.) Click "OK" button.
4.) Click "submit" button
**Expected Result:** A notification is displayed indicating the file is not able to be processed.

**ID:** Upload 3
**Severity:** 2
**Title:** Uploading an invalid image
**Instructions:**
1.) Click "upload questions" button.
2.) Select a picture of a dog.
3.) Click "OK" button.
4.) Click "submit" button
**Expected Result:** A notification is displayed indicating the file is not able to be processed.

**ID:** Upload 4
**Severity:** 1
**Title:** Uploading a valid image
**Instructions:**
1.) Click "upload questions" button.
2.) Select a picture of text.
3.) Click "OK" button.
4.) Click "submit" button

**Expected Result:** A notification is displayed indicating the successful file upload. A PDF file is returned containing answers to questions.


**ID:** Upload 5
**Severity:** 3
**Title:** Upload blurry questions picture
**Instructions:**
1.) Click "upload questions" button.
2.) Select a blurry picture of text.
3.) Click "OK" button.
4.) Click "submit" button

**Expected Result:** Receive an error saying the image could not be converted to text


**ID:** Upload 6
**Severity:** 3
**Title:** Upload blank questions document
**Instructions:**
5.) Click "upload questions" button.
6.) Select a blank picture of text.
7.) Click "OK" button.
8.) Click "submit" button

**Expected Result:** Receive an error saying the image could not be converted to text

**ID:** Source 1
**Severity:** 1
**Title:** Uploading a clear source file
**Instructions:**
1.) Click "upload questions" button.
2.) Select a valid PDF document of properly formatted questions
3.) Click "OK" button.
4.) Click "upload source" button.
5.) Select a valid PDF document containing source text.
6.) Click "OK" button.
7.) Click "submit" button

**Expected Result:** A notification is displayed indicating the successful file upload. A PDF file is returned containing answers to questions.

**ID:** Source 2
**Severity:** 3
**Title:** Uploading a blurry source file
**Instructions:**
1.) Click "upload questions" button.
2.) Select a blurry PDF document containing source text.
3.) Click "OK" button.
4.) Click "submit" button

**Expected Result:** A notification is displayed indicating the file is not able to be processed.

**ID:** Source 3
**Severity:** 2
**Title:** Uploading an dog source image
**Instructions:**
5.) Click "upload source" button.
6.) Select a picture of a dog.
7.) Click "OK" button.
8.) Click "submit" button

**Expected Result:** A notification is displayed indicating the file is not able to be processed.

**ID:** Source 4
**Severity:** 1
**Title:** Uploading a valid source image
**Instructions:**
    5.) Click "upload source" button.
    6.) Select a picture of text.
    7.) Click "OK" button.
    8.) Click "submit" button
**Expected Result:** A notification is displayed indicating the successful file upload. A PDF file is returned containing answers to questions.


**ID:** Input 1
**Severity:** 1
**Title:** Input valid question
**Instructions:**
    1.) Place cursor in input textbox
    2.) Enter a question with valid grammar and well defined answer.
    3.) Click "submit" button
**Expected Result:** Answer is displayed in a textbox.


**ID:** Input 2
**Severity:** 2
**Title:** Input partial/damaged question
**Instructions:**
    1.) Place cursor in input textbox
    2.) Enter a question with invalid grammar, misspellings, and missing words.
    3.) Click "submit" button
**Expected Result:** Answer is displayed in textbox with a signal to the user that input was vague.


**ID:** Input 3
**Severity:** 3
**Title:** Input invalid characters/symbols
**Instructions:**
    1.) Place cursor in input textbox
    2.) Input non-english characters/symbols and random letter characters that don't form words.
    3.) Click "submit" button

**Expected Result:** No answer is displayed and the user is given a message that the question is invalid.

**ID:** Results 1
**Severity:** 1
**Title:** Receive valid return document
**Instructions:**
    9.) Click "upload questions" button.
    10.)    Select a valid PDF document of properly formatted questions
    11.)    Click "OK" button.
    12.)    Click "upload source" button.
**Expected Result:** A return document with answers should be displayed

**ID:** Results 2
**Severity:** 1
**Title:** Receive valid return text box
**Instructions:**
    13.)
**Expected Result:** A return document with answers should be displayed

**ID:** UI 1
**Severity:** 1
**Title:** File Select Source Button
**Instructions:**
    1.) Click the file select button.
    2.) Select a valid file.
**Expected Result:** The UI displays the name of the file to be uploaded.

**ID:** UI 2
**Severity:** 1
**Title:** History Button
**Instructions:**
    1.) press the history button
**Expected Result:** The file history should be displayed

**ID:** UI 3
**Severity:** 1
**Title:** Upload Questions Button
**Instructions:**
    1.) press the upload questions button
**Expected Result:** A file selection menu should be displayed

**ID:** UI 4
**Severity:** 1
**Title:** Upload Source Button
**Instructions:**
    1.) press the upload source button
**Expected Result:** A file selection menu should be displayed

**ID:** History 1
**Severity:** 2
**Title:** History after new Document
**Instructions:**
    1.) Upload a valid file
    2.) check history
**Expected Result:** The file and results document should be in the history

**ID:** History 2
**Severity:** 2
**Title:** History after new Source
**Instructions:**
    3.) Upload a valid source file
    4.) check history
**Expected Result:** The file should be in the history

| Requirement | Test Cases |
|---|---|
| As a user, I would like to upload a PDF document containing questions. | 1. Upload clear pdf of properly formatted questions.<br>2. Upload blurry pdf of properly formatted questions.<br>3. Upload a picture of a dog.<br>4. Upload a blank document.<br>5. Upload an invalid file extension. |
| As a user, I would like to upload a PDF document containing a source that is relevant to the questions document. | 1. Upload a clear source PDF.<br>2. Upload a blurry source PDF.<br>3. Upload a picture of a dog.<br>4. Upload a blank document.<br>5. Upload an invalid file extension. |
| As a user, I would like to enter individual question/queries | 1. Enter a question with valid grammar and well defined answer.<br>2. Enter a question containing misspellings and grammar Mistakes<br>3. Enter a bunch of Chinese text. |
| As a user, I would like to receive the answer to an individual question in a text box | 1. Process given question, search the internet, and give answer in text box<br>2. Answer simple question from given document and give answer in text box |
| As a user, I would like to upload an image of a document containing questions. | 1. Upload a clear picture extension.<br>2. Upload a blurry picture extension.<br>3. Upload a picture of a dog.<br>4. Upload a blank picture. |
| As a user, I would like to upload an image of a document containing source material. | 1. Upload a clear picture extension.<br>2. Upload a blurry picture extension.<br>3. Upload a picture of a dog. |
| As a user, I would like to receive a PDF document containing answers to my questions | 1. Receive a PDF containing answers to the question given |
| As a user, I would like to have a functional user Interface | 1. Click upload button.<br>2. Click history button.<br>3. Click file select button. |
| As a user, I would like to view my previously submitted and received documents | 1. submit a document and the check history |