

# Uploader Design Overview

## 1. Problem

**Problem Statement:** Currently most web applications use the standard `http file browse` and upload service provided with the `<input type="file">` form field.

- Only one file can be selected at a time for upload.
- Interface is inconsistent from browser to browser even down to the labels on the *browse* button.
- The application can not specify the file type or types that are accepted in the current context.
- The browser does not provide meaningful or consistent feedback on the upload process.

## 2. Users

[Catalina](#) and [Christy](#) are some of the users whose needs we primarily considered when designing the Uploader.

[Fluid Personas](#) are a collection of various types of important users whose needs we need to consider throughout the design process.

## 3. Users' needs

**Contexts of Use:** Where in the systems we support is an Uploader being used currently?

- [uPortal File Upload Contexts of Use](#)
- [OpenCollection File Upload Contexts of Use](#)
- [Sakai File Upload Contexts of Use](#)
- [Uploader Scenarios and Use Cases](#)

**Functional Requirements:** What use cases does the Uploader component support?

**Primary & Secondary Scenarios:** In what scenarios would the Uploader be used?

## 4. Solution

**Wireframes:** What does the Uploader look like and how does it behave?

**Storyboards:** How, when, and where would the user use an Uploader?

- [Uploader Storyboard - Simple Upload](#)
- [Uploader Storyboard - Upload with Error](#)
- [Uploader Storyboard - Add more](#)
- [Uploader Storyboard - Upload and Cancel](#)
- [Uploader Storyboard - Batch Upload with Metadata](#)

**Comprehensive File Upload Design Pattern:** Design advice for performing a "comprehensive" (complex) file upload.

## 5. Uploader User Testing

**Uploader User Testing:** Summary of all user testing performed on the Uploader component.

**User Testing Protocol:** Describes how the user testing of the Uploader will be carried out.

- [Uploader User Testing - Round 1 Protocol](#)
- [Uploader User Testing - Round 2 Protocol](#)
- [Uploader User Testing - Round 3 Protocol](#)
- [Uploader User Testing - Round 4 Protocol](#)

**User Testing Results:** Describes how the users interacted with the Uploader prototype and what improvements can be made.

- [Uploader User Testing - Round 1 Results](#)
- [Uploader User Testing - Round 2 Results](#)
- [Uploader User Testing - Round 3 Results](#)
- [Uploader User Testing - Round 4 Results](#)

## 6. Preparing for Implementation

**Storycards:** Decomposes the Uploader into small implementable chunks

- [Storycard 1: Remove "pause" button](#)
- [Storycard 2: "Remove" button should not display once files are being uploaded](#)
- [Storycard 3: Add remaining time for upload to the progress bar.](#)
- [Storycard 4: Update information at the bottom](#)
- [Storycard 5: Add Cancel button \(Daphne\)](#)
- [Storycard 6: Error: file name already exists \(Erin\)](#)
- [Storycard 7: Allow user to create a display name & send notification \(Daphne\)](#)

**Functional Specification:** Development specification containing interaction details such as "interesting moments."