

University of Stuttgart

Cluster of Excellence „Data-integrated Simulation Sciences“

SimTech



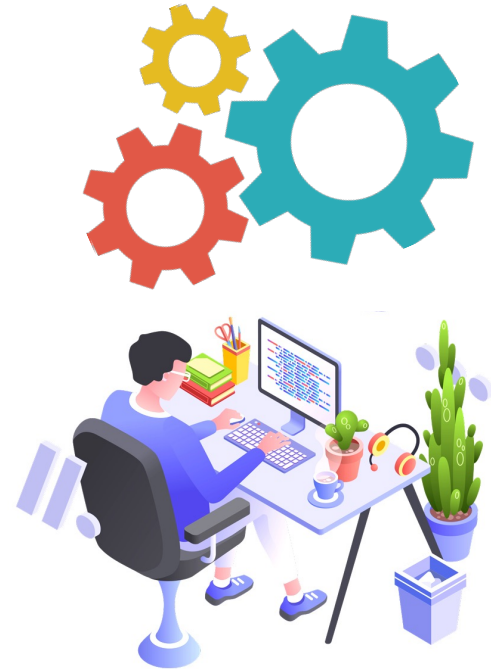
EasyReview for Dataverse

Jan Range | CESSDA Open Hours | 18-10-23

Dataset Reviews

Current state

- **Dataset reviews** are an important part of RDM to guarantee high quality data
- Usually done either by **admins** or **dedicated persons** of a Dataverse



Dataset Reviews

Current state

- Carried out via **Mail** communication from reviewer to user

Workflow

1. User submits dataset for review
2. Admin review contents and checks files
3. Manually written report
4. User implements changes



Dataset Reviews

Flaws in the current workflow

- Manual reports may be **incomplete** or not **verbose** enough
- Mail is **inefficient** and reviews may be **overseen**
- **Traceback** of reviews can be tedious when going through mails
- Hard to **distribute** review to **experts** without guidelines



Dataset Reviews

Requirements to a software solution

Streamlined review process

- Accept, decline and comment on each field
- Suggest other fields that may be relevant

Transparent review report

- Platform where users can answer to comments
- Storing a review history to traceback errors



Dataset Reviews

Requirements to a software solution

Distribute reviews

- Invite experts to review datasets via URL
- Per field guidelines for any new reviewer

Collect multiple reviews

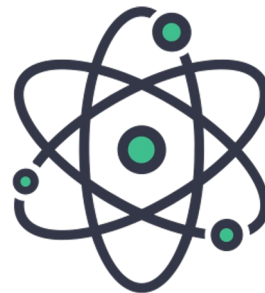
- Provide a way to present multiple review to a user



EasyReview

Overview

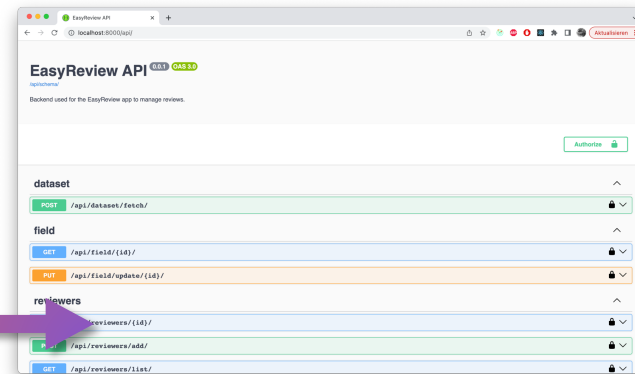
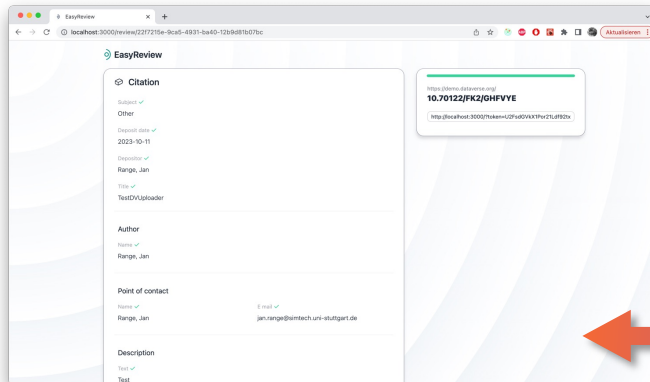
- Web-based app to **review datasets** from any Dataverse installation in the web
- Provides an UI to give **feedback per field** and suggest **changes**
- Can be **shared** with user by a **generated link**
- Utilizes **EasyDataverse** in the backend



EasyReview

EasyReview

The stack



EasyReview

localhost:3000/?siteUrl=https://demo.dataverse.org/&datasetPid=doi:10.70122/FK2/GHFVYE&apiToken=xxxxxx

EasyReview

Citation

Subject ✓
Other

Deposit date ✓
2023-10-11

Depositor ✓
Range, Jan

Title ✓
TestDVUploader

Author

Name ✓
Range, Jan

Point of contact

Name ✓
Range, Jan

E mail ✓
jan.range@simtech.uni-stuttgart.de

Description

Text ✓
Test

- ✓ Accept
- ✗ Decline
- Chat
- Suggest**
- Share

https://demo.dataverse.org/
10.70122/FK2/GHFVYE

http://localhost:3000/?token=U2FsdGvkX19M6DS802B

Subject

The area of study relevant to the Dataset

Original

Suggest

Within this field you are able suggest changes to a field. Changes made will be documented and are revertible.

Other

SUBMIT

localhost:3000/?siteUrl=https://demo.dataverse.org/&datasetPid=doi:10.70122/FK2/GHFVYE&apiToken=xxxxxx

- Add EasyReview as an external tool to your Dataverse installation

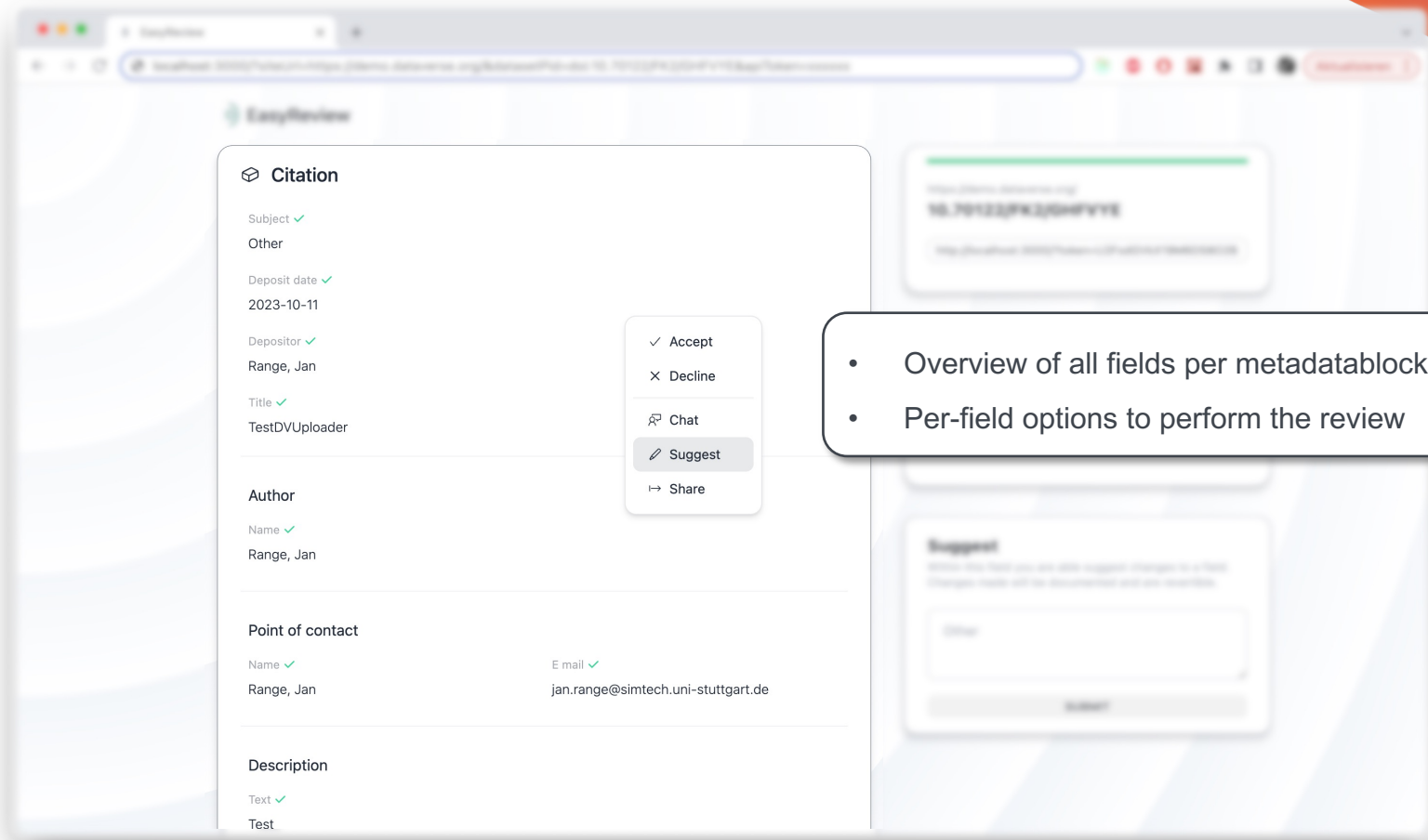
Access Dataset ▾

Download Options ↓

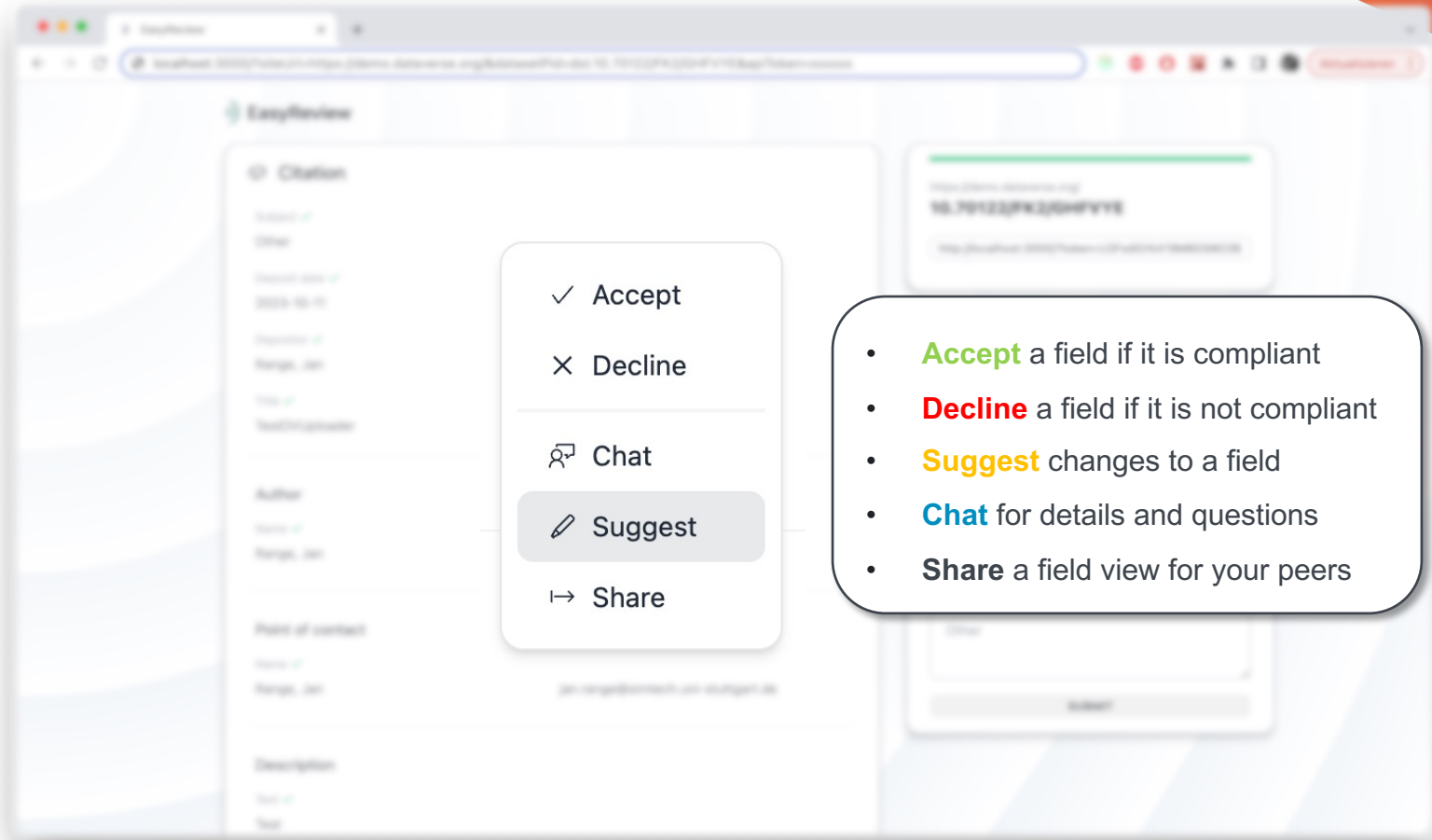
Download ZIP (5.5 MB)

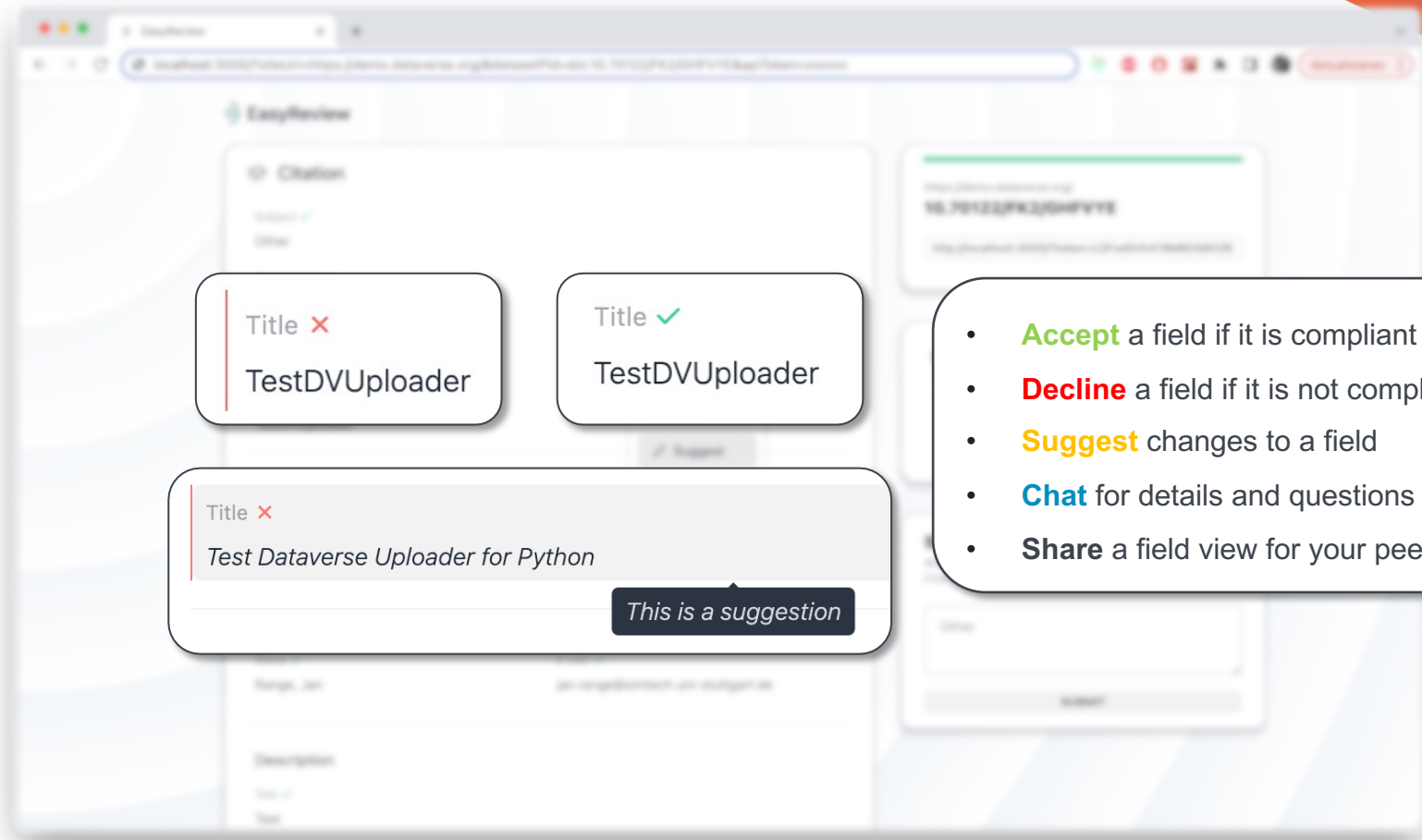
Explore Options ≡

Explore in Browser (ViPLab)



- Overview of all fields per metadatablock
- Per-field options to perform the review





Title ✘

TestDVUploader

Title ✔

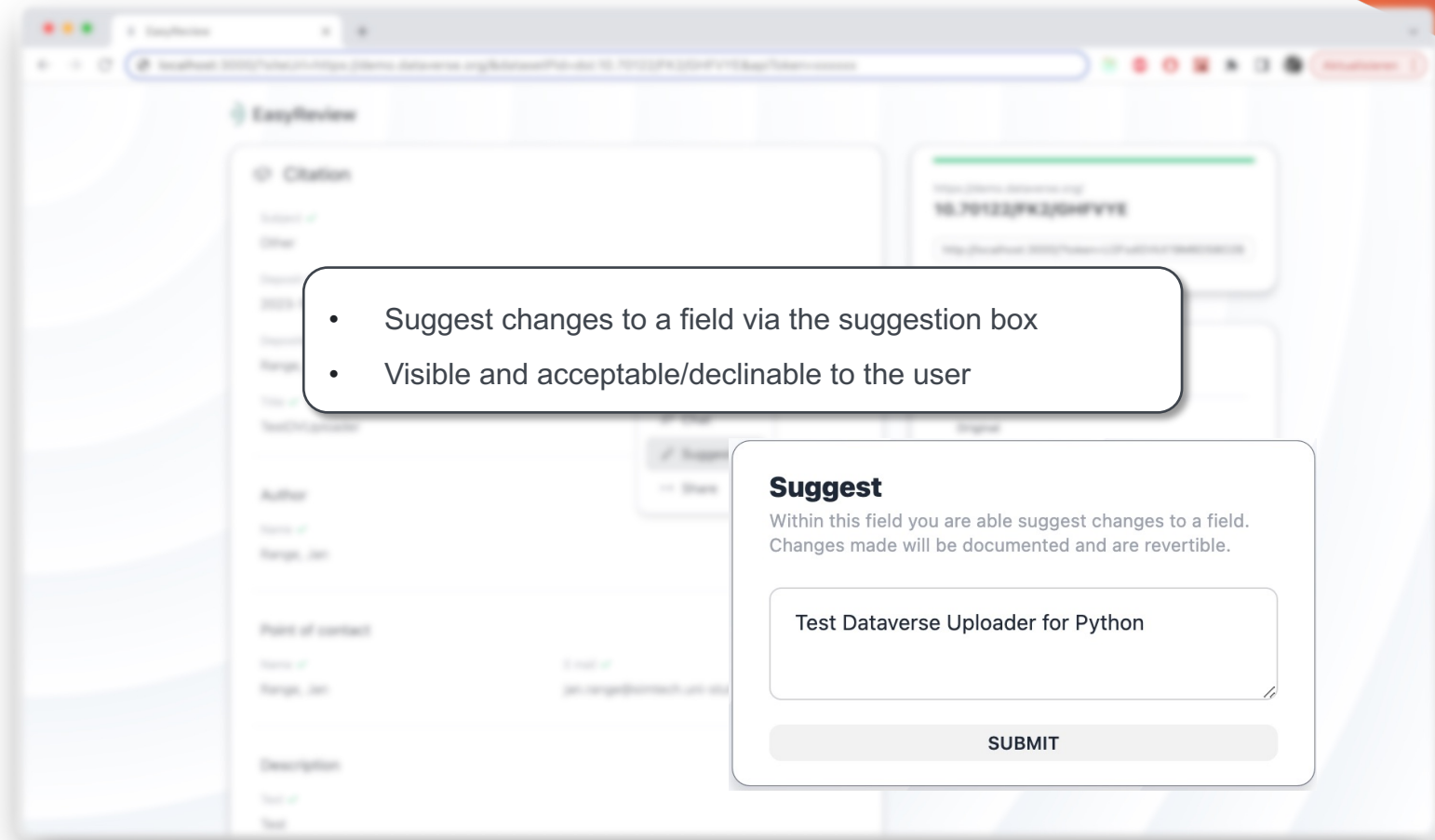
TestDVUploader

Title ✘

Test Dataverse Uploader for Python

This is a suggestion

- **Accept** a field if it is compliant
- **Decline** a field if it is not compliant
- **Suggest** changes to a field
- **Chat** for details and questions
- **Share** a field view for your peers



- Suggest changes to a field via the suggestion box
- Visible and acceptable/declinable to the user

Suggest

Within this field you are able suggest changes to a field. Changes made will be documented and are revertible.

Test Dataverse Uploader for Python

SUBMIT

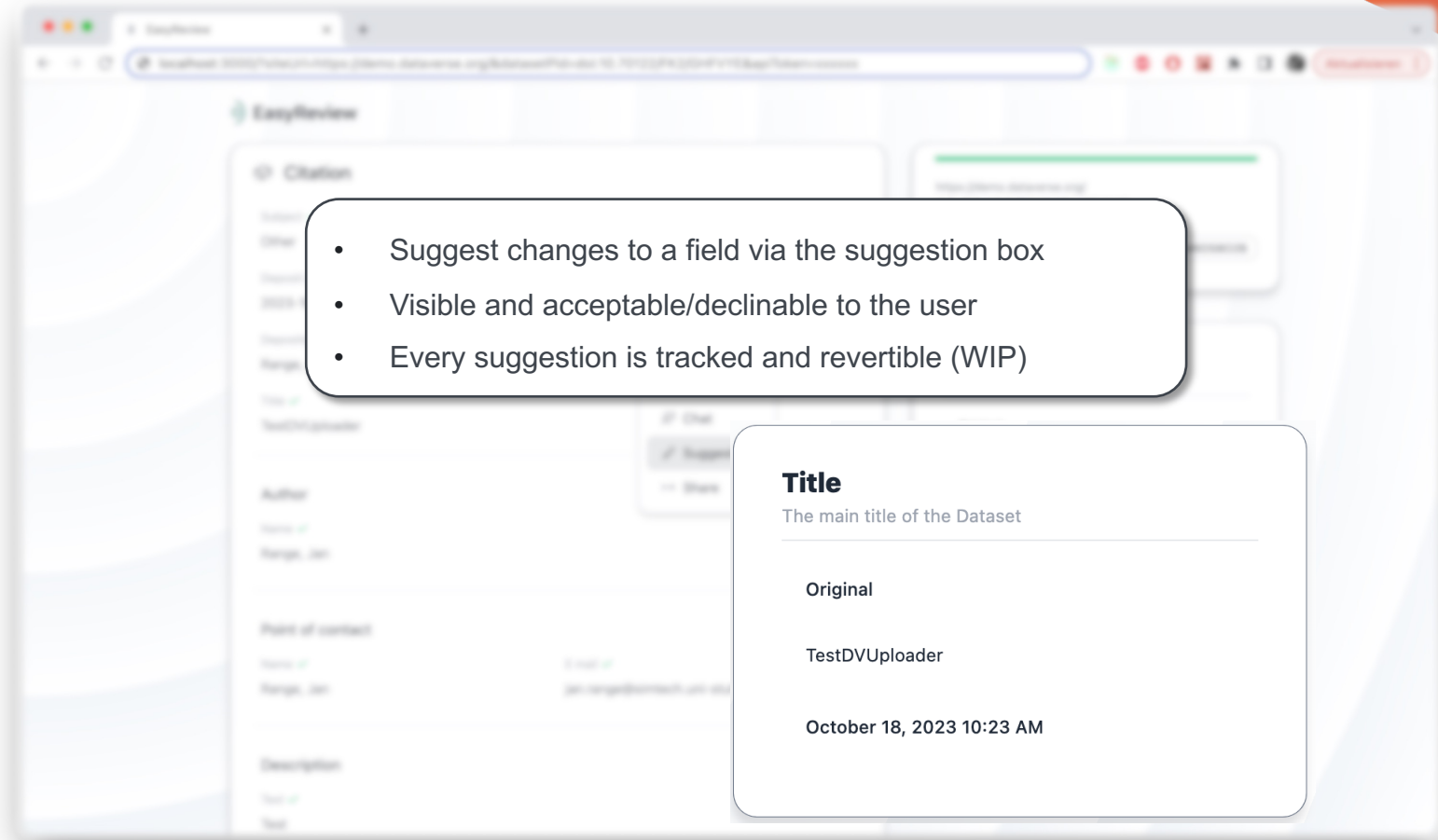
- Chat per-field basis to clarify concerns and jointly optimize the dataset
- Any Reviewer can contribute to chats
- Still under development (Chats are difficult to implement 😞)

Chat

Stay in contact by using direct messages. Within this feature both reviewers and users are able to communicate.

Is DVUploader the actual name of the library? Would you like to add more information to the title, otherwise users may not be aware that it is a Dataverse Tool.

Yes, it is the name of the library. Thus, I modified your suggestion to include both.



- Suggest changes to a field via the suggestion box
- Visible and acceptable/declinable to the user
- Every suggestion is tracked and revertible (WIP)

Title
The main title of the Dataset

Original

TestDVUploader

October 18, 2023 10:23 AM

https://demo.dataverse.org/

10.70122/FK2

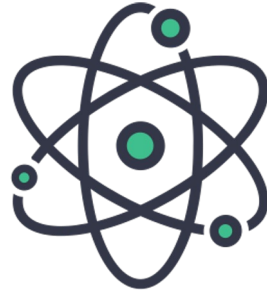
http://localhost:3000/

https://demo.dataverse.org/

10.70122/FK2/GHFVYE

http://localhost:3000/?token=U2FsdGVkX19M6DS8O2B:

- Track progress of your review and don't miss important fields
- Once finished, share your review with the user
- Or if something is unclear → Share it with your peers
- Upon publication, all entries in the EasyReview DB are deleted



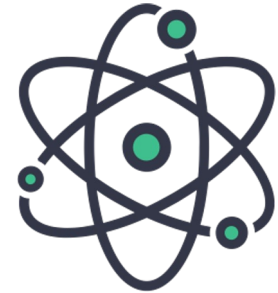
EasyReview

→ **Live demo**

EasyReview

Outlook

- Develop a review **strategy and functionality for files**
- Easy-to-use **deployment** of EasyReview
- Interface to ingest **custom guidelines**
- **Automatic validation** of „simple“ fields
- Finalize **work-in-progress features**



EasyReview



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Thank you!



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