

1 Initial situation

1.1 Why this project and how did this idea develop?

Wikidata is notoriously underused and urgently needs a user-interface that will allow all kinds of users to integrate Wikidata into their wikiscript. This will be an important step use Wikidata to its full potential.

1.2 How was the problem resolved in the past?

Currently the only way to edit the data from a client is a 'hack'. There is no good actual clean way to do this which is why it is so underused.

1.3 Why is there need for action?

Because currently it by far isn't being used to the extent it was intended to and because the community is unhappy with the way it is currently usable which is basically no way.

1.4 Rough desired course of action?

Determine, through user-centered design, a user-interface which will allow for editing from a client.

2 Objective

2.1 What should be achieved in the end?

Improving the client editing experience and actually making it possible from the client directly.

2.2 On what can the success be measured?

Increase in number of infoboxes filled with data from wikidata on wikipedia.

2.3 What has to happen so the solution can be realised?

My thesis.

3 Operational environment

3.1 Under which circumstances will the product be used?

Anytime an editor wants to change or add or remove information from the infobox in Wikidata.

3.2 Define the target group

3.2.1 Personas

Currently in personas.tex

3.3 What is the product supposed to achieve and be able to do?

See table for now.

4 Non-functional requirements

Wikidata	Wikipedia	Both
vandalism should be suppressed	entry barrier must be lowered	
trust	locality (user must know where he is editing)	
user must know what he is doing and what consequences it'll have	sense of ownership	

4.1 Should the product be extendable?

Yes. It should be so each local wiki can add or alter the appearance and certain parts of the functions. maybe even editors can customise it a bit?

4.2 Should alterations be possible?

Yes.

4.3 What are the usability requirements?

This still needs to be determined.

5 Functional requirements

5.1 Which functions must exist?

MUST	SHOULD	COULD
preview how changes would look	notice when infobox not from wikidata and suggest	little info floating boxes
only show statements that are in the template anyway	labels probably should be editable to reverse vandalism on WD	suggest properties when adding or editing
two different input methods	preview of what the changes would look like	admin maybe has right to disable WD in specific infobox due to complexity and the redirect to WD
integrate with visual editor		check if the corresponding item blocked for editing
		WD gets a space in the toolbar with a blinking blue dot

6 Interfaces

6.1 Explanations (H-C, C-C...)

Visual editor. The normal editor.

7 Quality requirements

7.1 Which quality characteristics should be fulfilled?