

Albino project

How measure knowledge gap



The problem

- 2016: presentation of a visual impaired engineer
- Difficulties to use websites
- Difficulties to study and to progress in the studies
- Wikimedia projects considered as a lifeline



Collaboration with Albinit

- 2017: through a department of education in Italy, specialized in inclusivity, we started a collaboration with Albinit which is part of Albinism.eu



Goals

- Are Wikimedia projects “friends” of people having visual impairment?
- How big is the distance to fill the gap?
- Are blind or visual impaired people excluded to the contribution?



Albino project

- Evaluation of
 - Wikipedia
 - Commons
 - Wikisource
 - Wikivoyage
- Only Italian language
- Two steps
 - “Passive users”: readers
 - “Active users”: editors

https://it.wikipedia.org/wiki/Progetto:Accessibilit%C3%A0/Albino_project

Parameters

- Readiness of articles and to use links
- Easiness to search: ability to jump between the different contents of the page
- Management of non-textual elements: ability to read non-textual elements
- Content distribution: page management and content distribution
- Usability of contour elements (specifically templates): infoboxes, notes, etc.
- Energy invested in the activity (a measure in self-assessment of the effort necessary for the activity)

The parameters evaluate two factors:

- Accessibility
- Usability

Results

- 1st step finished (March 2018)
- Wikimedia projects are easy to use with some exceptions
- The gap is bigger when the severity of the disability is greater
- 2nd step (starting in May 2019)

Educational purpose

- Several students have specific learning needs
- The methodology at the school is to use inclusivity
- These students require an individual program of education
- The Albino project will help to identify if Wikimedia projects may help

Future of the project

- Test in other languages
- Albinism.eu has associations in:
 - Spain
 - United Kingdom
 - Germany
 - France
 - Netherland
 - Denmark
 - Turkey
 - Norway
- Discussion in place with the association of Libro Parlato (Spoken Book)