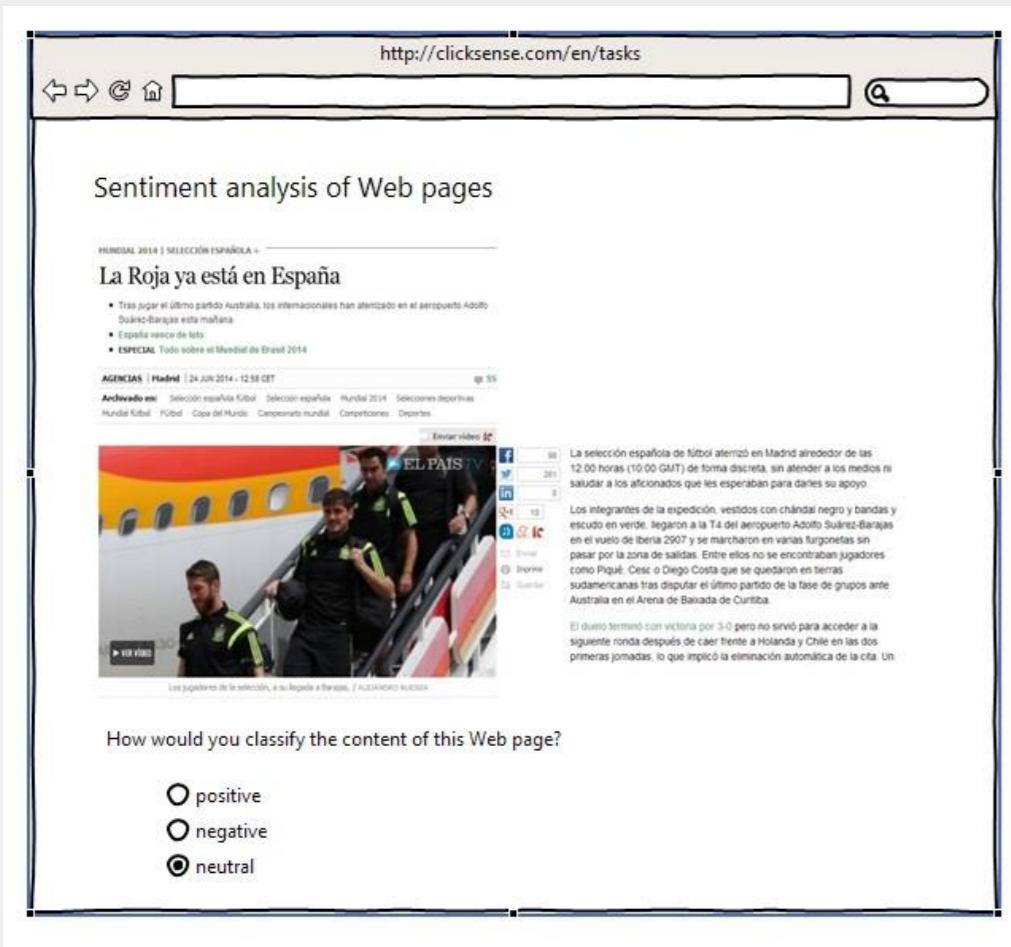


Crowd Work CV

Cross-platform Identity and Recognition for Micro Work

Motivation



Is Alice a good candidate for this microtask?



Alice



Alice's previous work

- Acquired Spanish qualification
- Worked successfully on the same job published by CrowdFlower
- Worked successfully on a job about sentiment analysis of tweets

Approach

Crowd Work CV: Ontology-based data model to describe a microtask crowdsourcing agent's

- 1) interests
- 2) obtained qualifications
- 3) work history

- Inspired by traditional Curriculum Vitae (CV) (e.g. Europass, LinkedIn)

- Crowd Work CV data is
 - * Machine-readable
 - * Interoperable
 - * Extensible



Challenges in the process of managing Crowd Work CV data

- 1) Generate certified CV data
- 2) Automatically generate summaries
- 3) Crowd Work CV-based ranking algorithm

Example

```
ex:cvcworker1 cwcv:hasWorkedOn ex:microworkexpl;
ex:microworkexpl a cwcv:MicroworkExperience;
cwcv:basedOnMicrotask ex:microtask1;
cwcv:declaredConfidence '80';
cwcv:investedTime '10';
cwcv:accuracy '5.2';
cwcv:receivedStar true;

ex:microtask1 a cwcv:Microtask;
cwcv:publishingDate '10-03-2013';
cwcv:hasMasterMicrotask ex:templateMicrotask1;

ex:templateMicrotask1 a cwcv:MasterMicrotask;
cwcv:purpose purposes:ImageAnnotation;

ex:templateMicrotask1 cwcv:publishedAt ex:clicksense;
ex:clicksense a cwcv:Marketplace;
```

