Alpha - 2

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This week

- Research engineering progress
- Focus: Macro/microtasking
- Focus: Open governance
- UIST paper planning
- This week’s milestones
Micro/macrotask crowdsourcing
Last week’s goal

• Come up with a concrete proposal that integrates macro+microtasking under one banner

• We held two brainstorming meetings and then teams set off to create prototypes
Would you like to add the milestones
- Yes  - No

Name of the Milestone
Review Task Design

Number of Hits
100

Enter number of HITs after which you would like to review the results
20

Select Worker Type
- Category A: Hall of Fame
- Category B: Above Average
- Category C: Avarage
- Category D: Below Average

Milestone Start Time
2015-06-19

Milestone Deadline
2015-06-23
<table>
<thead>
<tr>
<th>Milestone 0</th>
<th>Milestone 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name of the Milestone</strong></td>
<td><strong>Name of the Milestone</strong></td>
</tr>
<tr>
<td><strong>Number of Hits</strong></td>
<td><strong>Number of Hits</strong></td>
</tr>
<tr>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td><strong>Select Worker Type</strong></td>
<td><strong>Select Worker Type</strong></td>
</tr>
<tr>
<td>Category A: Hall of Fame</td>
<td>Category A: Hall of Fame</td>
</tr>
<tr>
<td>Category B: Above Average</td>
<td>Category B: Above Average</td>
</tr>
<tr>
<td>Category C: Avarage</td>
<td>Category C: Avarage</td>
</tr>
<tr>
<td>Category D: Below Average</td>
<td>Category D: Below Average</td>
</tr>
<tr>
<td><strong>Milestone Start Time</strong></td>
<td><strong>Milestone Start Time</strong></td>
</tr>
<tr>
<td>2015-06-20</td>
<td>2015-06-24</td>
</tr>
<tr>
<td><strong>Milestone End Time</strong></td>
<td><strong>Milestone End Time</strong></td>
</tr>
<tr>
<td>2015-06-23</td>
<td>2015-06-30</td>
</tr>
</tbody>
</table>

researcheng
post a task

- micro
  - view examples
- macro
  - view examples
- more information please

work on a task

- micro
  - examples
- macro
  - examples
- all

- plus here we could include some filters for:
  - price range...
  - timeframe...
  - type...
See suggested milestones for this task

Create my own milestones.

A look at various ways of doing this and do some A/B testing???
- all prepopulated based on bank of data.
- Click to amend.

**milestone 1**

**Title:**

**Content:**

**Timeframe:**

**Payment:**

- ☐ open
- ☐ closed

Select a particular worker.

input the workers username here

- Amend
- Submit to workers

**milestone 2**

**Title:**

**Content:**

**Timeframe:**

**Payment:**

Fill with task type depending on what category/task details they input previously.

Submit
### Instructions

Pick the best sentiment based on the following criterion.

<table>
<thead>
<tr>
<th>Sentiment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strongly positive</td>
<td>Select this if the text is very factual with no emotional context</td>
</tr>
<tr>
<td>Positive</td>
<td>Select this if the text is mostly factual with some emotional context</td>
</tr>
<tr>
<td>Neutral</td>
<td>Select this if the text is both equally factual and emotional</td>
</tr>
<tr>
<td>Negative</td>
<td>Select this if the text is mostly emotional with some factual context</td>
</tr>
<tr>
<td>Strongly negative</td>
<td>Select this if the text is very emotional with no factual context</td>
</tr>
</tbody>
</table>

### Question

Judge the sentiment expressed by the following item toward: How emotional or factual is the following text?

**No Christian sin Other then the intent to kill and then doing so:p**

- Strongly negative
- Negative
- Neutral
- Positive
- Strongly positive

You must ACCEPT the HIT before you can submit the results.

Have workers complete small subset of the main work to be completed.

This subset has two types of work:
1. Have them complete work that has preset known answer
2. Have them complete work that has no known answer
Our “Milestone 0” (M0) idea

- One interface that unifies micro+macrotasks

- All tasks require a Milestone 0, and the task author has control over its exact requirements
M0 description

- After a requester describes the title of the task, we ask them to upload a dataset if they have one.

- Big idea: we’ll use requesters’ time estimates
M0 description

- If they’ve uploaded a dataset, we ask them to estimate how long each item will take.
  - We then set the Milestone 0 limit to be the equivalent of ~10 minutes of work.
  - Example: 2-minute task? 5 tasks is Milestone 0.

- If there is no dataset, we ask them to author a Milestone that is the smallest unit of work they can use to evaluate quality (e.g., a sketch if you’re asking for a logo).
M0 description

- They set the maximum number of workers who do Milestone 0 before we show them. We recommend 3.
- Author more milestones if desired, then launch.

- When Milestone 0 completes, we notify them. They look at the results, tweak the task, & message the workers.
- They qualify any workers they want to continue on to the rest of the task.
M0 discussion

- For later: workers in M0 can leave comments on the task that get returned to me as well so I can iterate

- For later: we can use the M0 results to create “gold standard” tests to autoqualify more workers
  - e.g., on a microtask where we want as many workers as possible

- For later: connecting this with reputation
Next step: prototype it!

• Post a task on your favorite crowdsourcing market (e.g., Mechanical Turk, Upwork, Freelancer) following this Milestone 0 formula

• In other words, post a task, but only the first steps of it. Get multiple workers to do that first step.
  • Ask yourself: is it easy to see who are the good workers?
  • Ask yourself: do I know how I would clarify my task now, given the results I got?
Research engineering
Research Engineering

- Front End & Back End Integration in Progress:
  - Task creation workflow & monitoring (*high priority)
    - Task Categorization
    - Task Creation & Dropbox Integration
    - Payment Process
    - Milestones - Micro & Macro

- Worker/Requester Dashboard Enhancements
- Worker/Requester Task Portfolios Enhancements
Research Engineering

• Progress:
  • Requester/worker profiles improved
  • Google Drive and Dropbox integration
  • Project, module, milestone, task creation, qualifications

• Goals for next week:
  • template creation
  • polishing project creation workflow
  • task feed
Research Engineering

- Those who have completed the AngularJS class
  - Congratulations!
  - What to do next?
    - Feel free to take a look at the Home Page revamp task. This is a great starting point
  - How to submit the results?
    - Please share the screenshot of initial versions (do not raise the PRs for now)
Open governance
Mock Leadership Board - Survey Review

Successes
* Speed of decision-making
* Confidence in board’s judgement
* Strong foundation to boost requester confidence

Challenges
* Timeliness of written meeting review
* Unknown candidates
* Balanced representation

Other
* Technology & Language Barriers
Governance Review

Mock Leadership Board

- 12 Candidates
- 206 total Election Votes
- 49 total Idea Votes/14 Comments

DECISIONS
- Voted for minimum wage by nation in accordance with local law
- Further discussion to be focused on legal entity structure

Participatory Democracy

- 33 Ideas offered
- 1 Solution offered on upvoted ideas
- 52 Votes/85 Comments

UPVOTED IDEAS
- Establish task accept/reject timeline
- Establish a Code of Conduct
- Offer reward for participating in solution brainstorming
- Rank workers like Credit*
Week III - Weighted Democracy

Saturday through Thursday

• Flat Democracy Survey
• Continue adding: “Issues”
• Continue producing: “Solutions” - post to Wiki & Meteor
• Continue voting on: “Solutions” — weighted by PageRank

Friday

• All votes will be tallied and winning “Solutions” announced

* Decisions made by the crowd are recommendations to the project leaders and are non-binding, but highly encouraged positions
Poster paper @ UIST
Let’s take a look at the draft

- http://hci.st/crowduist
Milestones
On the wiki!

- Linked to Trello
Example milestones this week

- Prototype the milestone 0 idea
- Synthesize and design out the requester review interface
- Participate in the opengov participatory democracy experiment
- Hacking on requester profile, task dashboard, task creation workflow, and more