

Social Computing Capstone

Day 11: Crowdsourcing: the Good and Bad

CSE 481p | Winter 2022

Amy X. Zhang

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Schedule for today's class

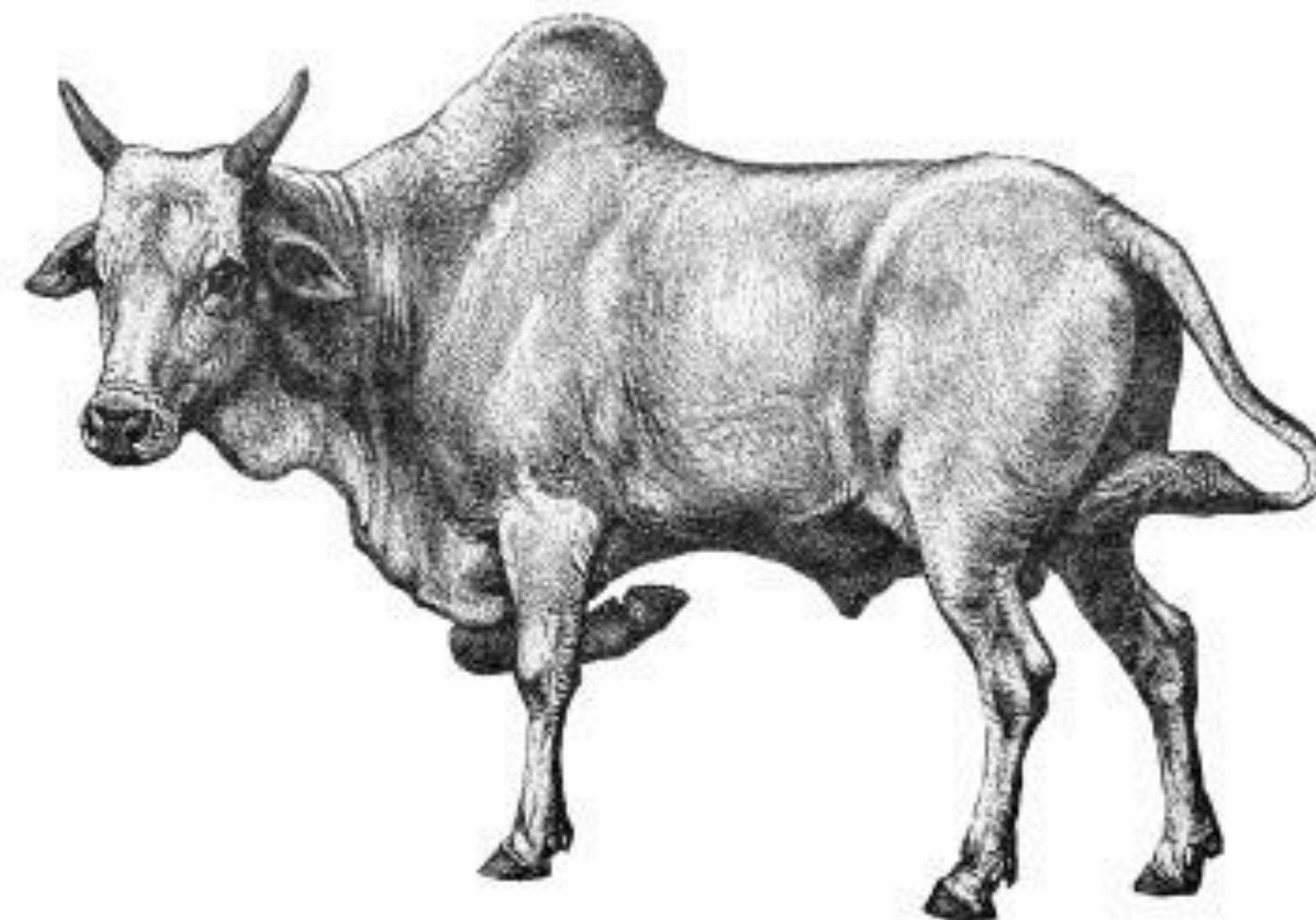
- Crowdsourcing: the good and bad
 - Short lecture, discussion of reading (10 min)
- G4 walk-through (20 min)
- Group work time (60 min)

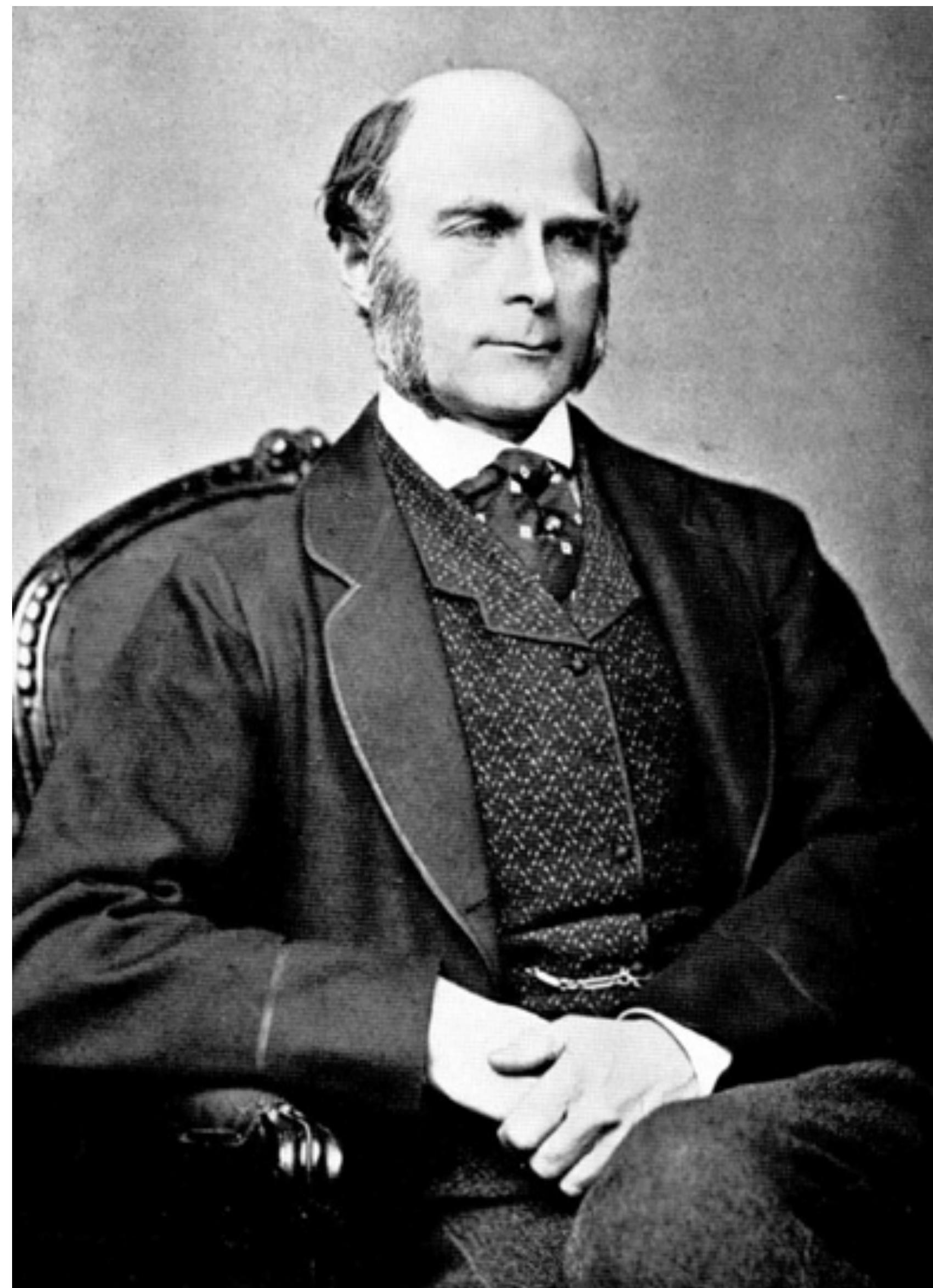
Crowdsourcing: the good and bad

People working together can (sometimes) accomplish more than they could alone!

- Collective intelligence:
 - shared or group intelligence that emerges from the collaboration, collective efforts, and competition of many individuals and appears in consensus decision making.

“Wisdom of the crowd”





Distribution of the estimates of the dressed weight of a particular living ox, made by 787 different persons.

Degrees of the length of Array $\sigma = 100$	Estimates in lbs.	* Centiles		Excess of Observed over Normal
		Observed deviates from 1207 lbs.	Normal p.e = 37	
5	1074	-133	-90	+43
10	1109	-98	-70	+28
15	1126	-81	-57	+24
20	1148	-59	-46	+13
q_1	1162	-45	-37	+8
30	1174	-33	-29	+4
35	1181	-26	-21	+5
40	1188	-19	-14	+5
45	1197	-10	-7	+3
m	1207	0	0	0
55	1214	+7	+7	0
60	1219	+12	+14	-2
65	1225	+18	+21	-3
70	1230	+23	+29	-6
q_3	1236	+29	+37	-8
80	1243	+36	+46	-10
85	1254	+47	+57	-10
90	1267	+52	+70	-18
95	1293	+86	+90	-4

q_1, q_3 , the first and third quartiles, stand at 25° and 75° respectively.
 m , the median or middlemost value, stands at 50°.

Crowds are surprisingly accurate at estimation tasks

Who will win the election? How many jelly beans are in the jar? What will the weather be? Is this website a scam?

Individually, we all have errors and biases.

However, in aggregate, we exhibit surprising amounts of collective intelligence.

Definition

Crowdsourcing term coined by Jeff Howe [2006] in Wired

“Taking [...] a function once performed by employees and outsourcing it to an undefined (and generally large) network of people in the form of an open call.”

This was a term coined in relation to the term **outsourcing**.

CROWD SOURCING

WHY THE POWER OF THE CROWD
IS DRIVING THE FUTURE OF BUSINESS



JEFF HOWE

Paid crowdsourcing

Large industry today, with companies using both internal paid crowdsourcing pools or external ones (Amazon Mechanical Turk is a common one) for paying people to complete short tasks.

This has been a huge boon to AI/ML developers to be able to get large labeled datasets for training.



Volunteer crowdsourcing

However, lots of things are “crowdsourced” voluntarily using social platforms.

- Crowdfunding: Kickstarter
- “Games With a Purpose” - Duolingo (also inspired CAPTCHA)
- Collective activism campaigns (Sleeping Giants)

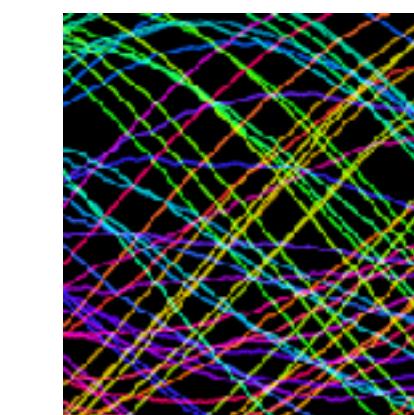
and more...

The good:

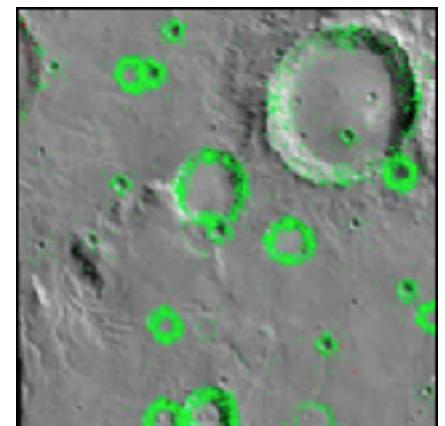
People working together on a shared goal they couldn't have accomplished alone that is positive for society!



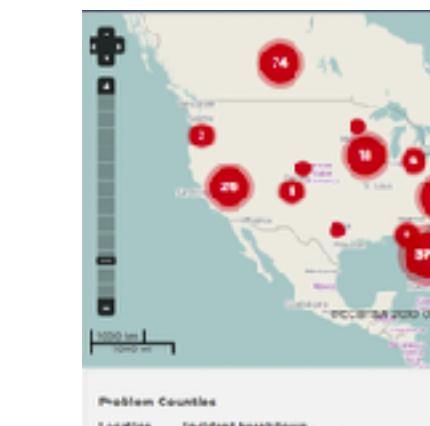
Wikipedia



Collaborative math proofs



NASA Clickworkers



Crisis mapping

The funny:

Boaty McBoatface: What You Get When You Let the Internet Decide



A computer image of the research vessel, which is still being designed and is scheduled to set sail in 2019. The Natural Environment Research Council

The funny:

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Batman

From Wikipedia, the free encyclopedia

DUN NUH NUH NUH NUH NUH NUH NUH NUH NUH BATMAN! DUN NUH BATMAN!
NUH NUH NUH NUH NUH NUH BATMAN! DUN NUH BATMAN!
DUN NUH BATMAN! BATMAN! BATMAN! BATMAN! DUN
NUH BATMAN!!!!!!!!!!!!!!

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[Example via Mako Hill]



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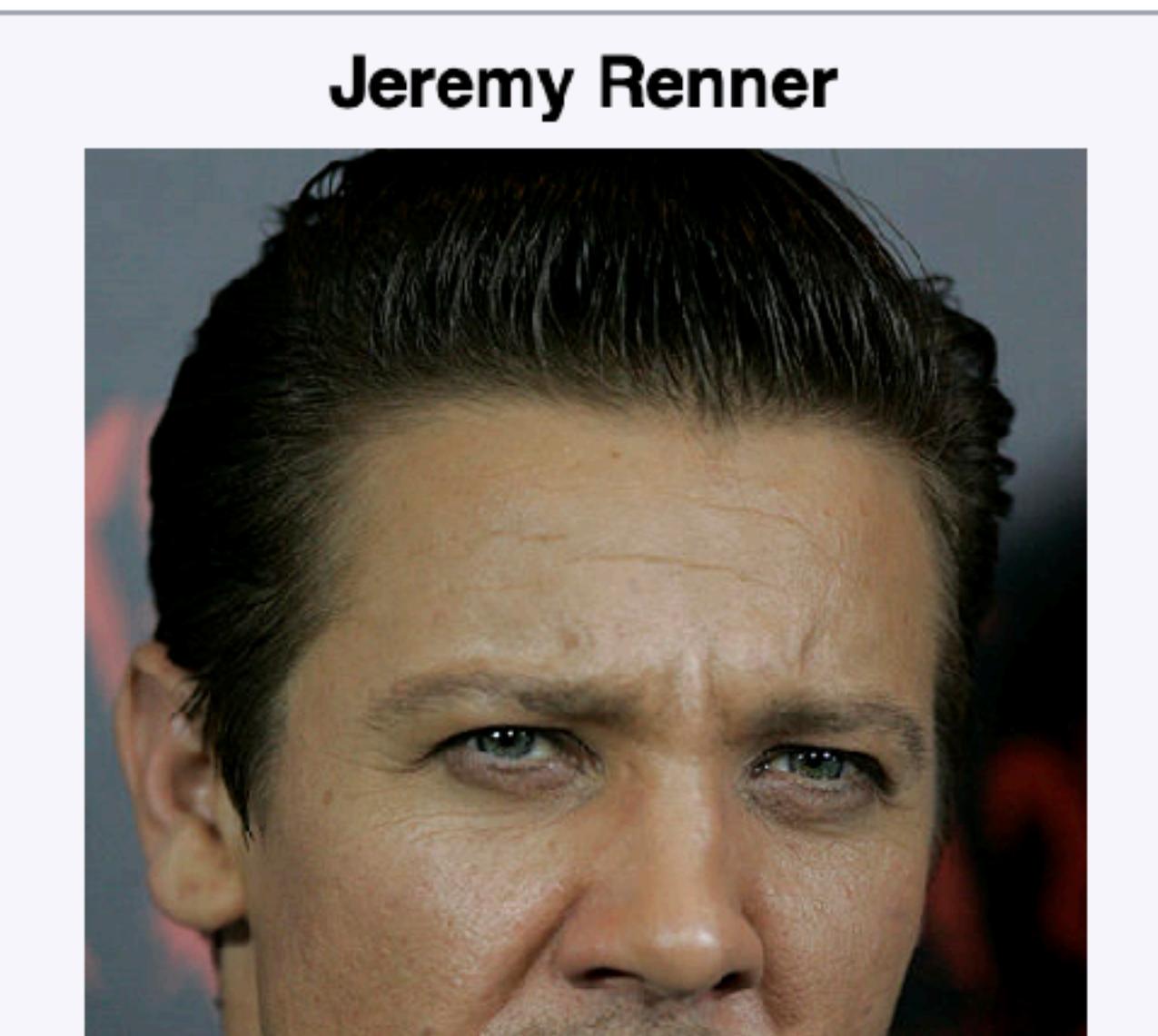
Jeremy Renner

From Wikipedia, the free encyclopedia

This is an [old revision](#) of this page, as edited by [187.137.5.101](#) ([talk](#)) at 00:04, 30 January 2013. The present address (URL) is a [permanent link to this revision](#), which may differ significantly from the [current revision](#).

(diff) ← Previous revision | Latest revision (diff) | Newer revision → (diff)

Jeremy Lee Renner (born January 7, 1971)^{[1][2][3]} is an American actor, singer-songwriter, [velociraptor](#), film producer, former makeup artist, and musician. He has had starring roles in *The Hurt Locker* (2008) (garnering him an Academy Award nomination for Best Actor), *Mission: Impossible – Ghost Protocol* (2011), *Marvel's The Avengers* (2012), and *The Bourne Legacy* (2012). Throughout the 2000s, Renner appeared largely in independent films such as *Dahmer* (2002) and *Neo Ned* (2005). He also appeared in supporting roles in bigger films, *S.W.A.T.* (2003) and *28 Weeks Later* (2007). He then turned out a much-praised performance in *The Town* (2010), for which he received an Academy Award nomination for Best Supporting Actor.



- (cur | prev) ○ 12:33, 12 February 2013 Cydebot (talk | contribs) m .. (28,792 bytes) (-37) .. (Robot - Removing category Satellite Award winners per CFD at Wikipedia:Categories for discussion/Log/2013 February 4.)
- (cur | prev) ○ 22:19, 3 February 2013 Guat6 (talk | contribs) .. (28,829 bytes) (+37) .. (added Category:Satellite Award winners using HotCat)
- (cur | prev) ○ 14:11, 1 February 2013 Sikkle (talk | contribs) .. (28,792 bytes) (+1)
- (cur | prev) ○ 23:01, 30 January 2013 Lowercase sigmabot (talk | contribs) m .. (28,791 bytes) (+17) .. (Adding protection templates) (bot)
- (cur | prev) ○ 22:31, 30 January 2013 Topbanana (talk | contribs) m .. (28,774 bytes) (0) .. (Protected Jeremy Renner: Persistent vandalism: Reddit fad ([Edit=Block new and unregistered users] (indefinite) [Move=Block new and unregistered users] (indefinite)))
- (cur | prev) ○ 21:19, 30 January 2013 Zafaras (talk | contribs) .. (28,774 bytes) (-13) .. (→Early life: The "velociraptor" thing again.)
- (cur | prev) ○ 21:04, 30 January 2013 129.97.124.193 (talk) .. (28,787 bytes) (+13)
- (cur | prev) ○ 17:25, 30 January 2013 63.248.26.218 (talk) .. (28,774 bytes) (+48)
- (cur | prev) ○ 01:02, 30 January 2013 EsonLinji (talk | contribs) m .. (28,726 bytes) (-14) .. (Jeremy Renner is not a velociraptor)
- (cur | prev) ○ 00:04, 30 January 2013 187.137.5.101 (talk) .. (28,740 bytes) (+14)
- (cur | prev) ○ 21:43, 29 January 2013 JLeland (talk | contribs) .. (28,726 bytes) (-14) .. (stomping velociraptor silliness)
- (cur | prev) ○ 18:15, 29 January 2013 71.51.19.153 (talk) .. (28,740 bytes) (+14)
- (cur | prev) ○ 16:33, 29 January 2013 37.106.37.118 (talk) .. (28,726 bytes) (-151)
- (cur | prev) ○ 09:06, 29 January 2013 All Hallow's Wraith (talk | contribs) m .. (28,877 bytes) (-7) .. (→Breakthrough: 2009–present)
- (cur | prev) ○ 09:05, 29 January 2013 All Hallow's Wraith (talk | contribs) m .. (28,884 bytes) (-49)
- (cur | prev) ○ 08:54, 29 January 2013 198.228.228.22 (talk) .. (28,933 bytes) (-14) .. (removed 'velociraptor' from description of talents)
- (cur | prev) ○ 03:30, 29 January 2013 67.189.247.59 (talk) .. (28,947 bytes) (+14)
- (cur | prev) ○ 02:34, 29 January 2013 ClueBot NG (talk | contribs) m .. (28,933 bytes) (-9) .. (Reverting possible vandalism by 108.218.146.101 to version by 199.168.62.2. False positive? Report it. Thanks, ClueBot NG. (1472111) (Bot))

[Example via Mako Hill]

The...bad?

The rise of the “internet sleuth”

YouTube, TikTok helped police in Gabby Petito case. How social media can aid in others.

Widespread citizen engagement on social media platforms could be the secret weapon that turns the tide in the fight for missing persons.

Oct. 4, 2021, 11:05 AM PDT

By Adam Scott Wandt, vice chair for technology of the Department of Public Management at John Jay College of Criminal Justice

When [Gabby Petito's parents reported their daughter](#) missing three weeks ago, they turned to the public for assistance. An army of armchair true-crime sleuths heeded the call and began scouring social media posts and holding online discussions aimed at uncovering clues to aid law enforcement in finding her.

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Boston bombing: How internet detectives got it very wrong

By Dave Lee
Technology reporter, BBC News

19 April 2013



What are the consequences of our interest in true crime and internet sleuthing?

future tense

I'm the TikTok Couch Guy. Here's What It Was Like Being Investigated on the Internet.

BY ROBERT MCCOY DEC 06, 2021 • 12:36 PM

 TWEET

 SHARE

 COMMENT

On Sept. 17, 2021, my long-distance girlfriend, Lauren, paid a surprise visit to me while a friend filmed my reaction. Three days later, she set [the 19-second clip](#) to a hokey Ellie Goulding song and posted it to roughly 200 TikTok followers. The first commenters—Lauren's close friends—had positive things to say. But soon strangers—among whom the video was less well received—began commenting, criticizing my reaction time or my being seated on a couch next to friends who happened to be of the opposite sex. "Girl he ain't loyal." "Red flag! He didn't get up off the couch and jump up and down in excitement." "Bro if my man was on a couch full of girls IM WALKING BACK OUT THE DOOR."

As comments accusing me of infidelity rolled in, the video quickly became the topic of fierce online debate, à la "[The Dress](#)." I, an ordinary college sophomore, became TikTok's latest meme: [Couch Guy](#). TikTok users made [parody videos](#), American Eagle advertised a [no-effort Couch Guy Halloween costume](#), and [Rolling Stone](#), [E! Online](#), [The Daily Show](#), and [The View](#) all covered the phenomenon. On TikTok, Lauren's video and the hashtag #CouchGuy, respectively, have received more than 64 million and 1 billion views.

The...bad?

The rise of “internet vigilantism”

Vigilantes who use methods specific to the internet in order to distribute justice to parties they consider to be corrupt, but who have not committed a formal crime or have not been held accountable by the criminal justice system.



Justine Sacco
@JustineSacco



Going to Africa. Hope I don't get AIDS. Just kidding. I'm white!

[Reply](#) [Retweet](#) [Favorite](#) [More](#)

2,678
RETWEETS

1,206
FAVORITES



10:19 AM - 20 Dec 13 from Hillingdon, London

The...bad?

People believe online harassment is more deserved and more justified when the target has committed some offense.

When Online Harassment Is Perceived as Justified

Lindsay Blackwell, Tianying Chen, Sarita Schoenebeck, Cliff Lampe

University of Michigan School of Information

{lindsay.blackwell, cchen, sarita.schoenebeck, cacl}@umich.edu

Abstract

Most models of criminal justice seek to identify and punish offenders. However, these models break down in online environments, where offenders can hide behind anonymity and lagging legal systems. As a result, people turn to their own moral codes to sanction perceived offenses. Unfortunately, this vigilante justice is motivated by retribution, often resulting in personal attacks, public shaming, and doxing—behaviors known as online harassment. We conducted two online experiments ($n=160$; $n=432$) to test the relationship between retribution and the perception of online harassment as appropriate, justified, and deserved. Study 1 tested attitudes about online harassment when directed toward a woman who has stolen from an elderly couple. Study 2 tested the effects of social conformity and bystander intervention. We find that people believe online harassment is more deserved and more justified—but not more appropriate—when the target has committed some offense. Promisingly, we find that exposure to a bystander intervention reduces this perception. We discuss alternative approaches and designs for responding to harassment online.

(Buckels, Trapnell, and Paulhus 2014) who are either exceptions themselves, or inhabit atypical parts of the internet. Today, however, almost half of adult internet users in the U.S. have personally experienced online harassment, and a majority of users have witnessed others being harassed online (Duggan 2014; Duggan 2017; Lenhart et al. 2016;¹ Rainie, Anderson, and Albright 2017). Although policies, reporting tools, and moderation strategies are improving (e.g., Perez 2017), most online platforms have failed to effectively curb harassing behaviors (Lenhart et al. 2016;¹ Rainie, Anderson, and Albright 2017), and internet users and experts alike believe the problem is only getting worse (Rainie, Anderson, and Albright 2017).

This research aims to understand online harassment using a *retributive justice* framework. Retributive justice refers to a theory of punishment in which individuals who knowingly commit an act deemed to be morally wrong receive a proportional punishment for their misdeeds, sometimes referred to as “an eye for an eye” (Carlsmith and Darley 2008; Walen 2015). Retributive justice relies upon the as-

Last week, we talked about harassment that seemed clearly norm-violating. But what if you think it's justified?

The...bad?

Internet sleuthing can lead to conspiracy theories and the spread of misinformation. There is a “do your own research” ethos to both sleuths and misinfo peddlers that can lead people astray.

All She Wanted Was to Dance. Then TikTok Spun a Conspiracy Theory That She's a Serial Killer

“It was like watching true crime, internet sleuthing, conspiracy theories, and transphobia collide in a horrific car crash,” one expert says of the obsession surrounding Sabrina Prater

By EJ DICKSON 



Sabrina Prater/TikTok

This is coinciding with a declining trust in public institutions in the last decade (not necessarily causal).

To some degree, the internet, social media, and crowdsourcing got us into these problems - can it help us get out?

	Many Institutions Lost Ground in Last Decade		
	June 2006 %	June 2016 %	Difference, 2006 to 2016 pct. pts.
Military	73	73	0
Police	58	56	-2
Church or organized religion	52	41	-11
Medical system	38	39	+1
Presidency	33	36	+3
U.S. Supreme Court	40	36	-4
Public schools	37	30	-7
Banks	49	27	-22
Organized labor	24	23	-1
Criminal justice system	25	23	-2
Television news	31	21	-10
Newspapers	30	20	-10
Big business	18	18	0
Congress	19	9	-10

GALLUP POLLS, JUNE 1-4, 2006, AND JUNE 1-5, 2016

Code and Design Specification

Your Code and Design Spec:

- Requirements document
- Storyboard
- Architectural Design (and optional code spec)

Requirements Doc

A requirements document describes what a user should be able to **do** with a product.

Typically has three parts, each with a primary (need to have) and secondary (nice to have) subpart:

- Functional Requirements
- Technical Requirements
- Usability Requirements

Requirements Doc

Functional Requirements

Primary:

- User will be able to select a song and send it to the other building
- User will be able to accept/reject the received song
- User will be able to react to currently playing song
- User will be able to see which building sent the currently playing song
- User will be able to see how many songs are in the queue
- User should be able to adjust the volume
- User should be able to see that someone is using the other room's installation

Secondary:

- User will be able to enter their name to be sent with their sent song
- Installations will use data of which songs were liked/disliked to choose a song of the day and/or song of the week
- User can see what volume the music is being played at in the other building

Requirements

Functional Requirements

Primary:

1. Users can see public blog posts.
2. Users can comment on public blog posts.
3. Users can subscribe to all blog posts or categories of blog posts using RSS feed readers.
4. Authors can save draft posts.
5. Admins can monitor, edit, and roll-back posts as necessary.

Secondary:

1. Users can create profiles (i.e. gravatars).
2. Users can receive individual or aggregated emails that contain blog content.
3. Authors can forward-date posts.

Break down what the user can do into a list of discrete actions

Requirements Doc

Technical Requirements

Primary:

- Based on a user's song request, get the song and play it using the Youtube API
- LEDs on the installation light up if someone is near the other building's installation
- Motion sensor will recognize if there are people near the installation
 - Input from the motion sensor will be the output on LEDs in the opposite building
 - For example, if motion is detected near the installation in Gates, the LEDs on the installation in Allen will light up
- Functional buttons for user input (built based on existing keyboard's/number pad)
- Screen as display
- Music is played synchronously across the two buildings
- Website will be hosted on github pages

Secondary:

- Lights will be synchronized to the music
- Wavelength graphic synced with music that is playing
- Host on AWS

Requirements

Technical Requirements

Primary:

1. Cross-browser /platform support (IE, Firefox, Chrome, Safari - PC and Mac)
2. Mobile support (for advanced smartphones – iPhone,iPad, Android or when possible for older text based phones). We will let the chosen system that meets all other criteria best, set our minimum level of device support.
3. System will allow changes to minimum and maximum reservation times.

Secondary:

1. Statistics and reporting.
2. The system should be built using free open source software (FOSS) if locally hosted.
3. If hosted, the system should be built using an application framework, rather than a hard-coded. This will help the programmers to account for differences in operating systems, interfaces and displays.

Turn those user capabilities into technical components (what will the system do and what does it need to be able to do it?)

Requirements Doc

Usability Requirements

Primary:

- Flow of screens is intuitive
- Buttons are placed in consistency with the interface screens
- Installation is socially acceptable

Secondary:

- User will see who proposed the currently playing song in the other building
- User will see who reacts to the currently playing song

Requirements

Usability Requirements

Primary:

1. The system will fully function in major browsers.
2. The system will support mobile users in some way.
3. ADA compliance (or alternative booking support via email, phone, or online form?) We could check our interfaces against ADA software.

Secondary:

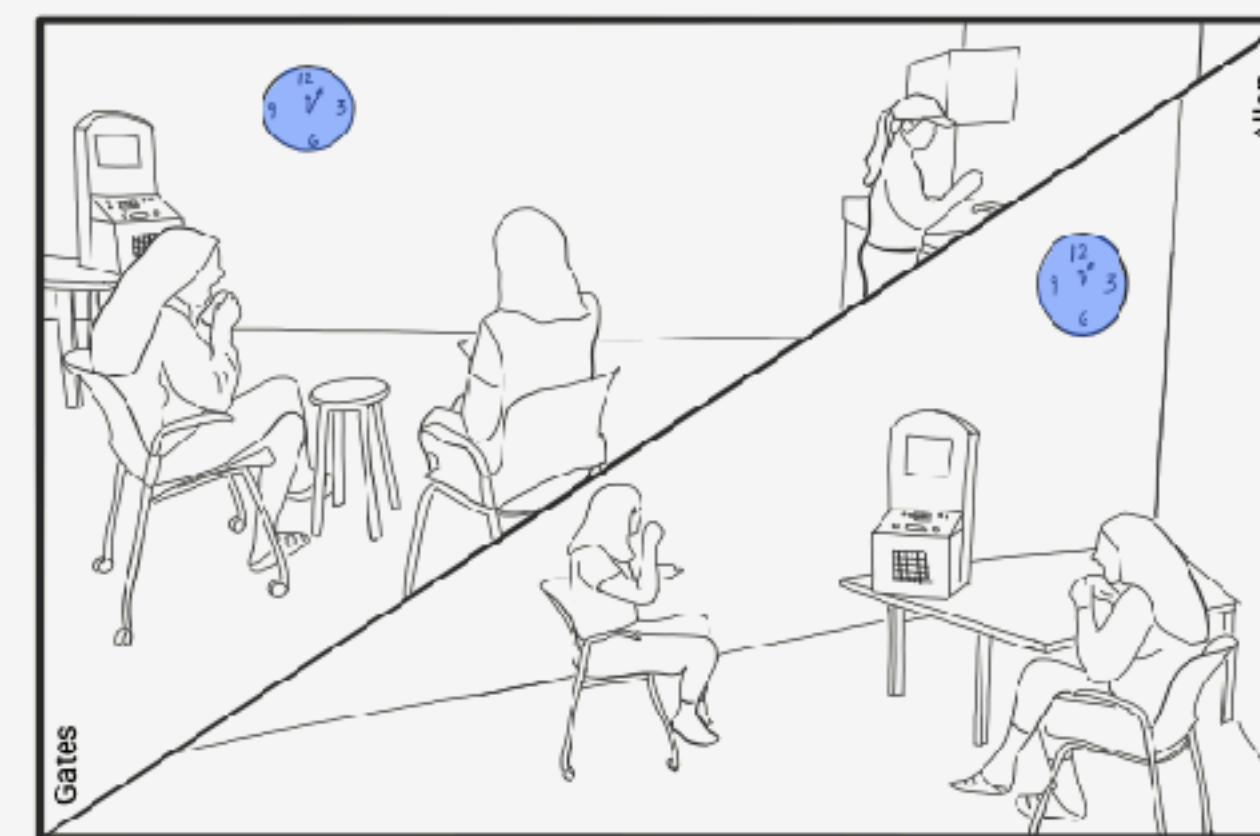
1. Beta usability testing will not be possible given the time constraints for this project. Possible use of feedback forms during the fall?

What additional things will you need to look out for as a builder + designer to make the produce usable for your target user group?

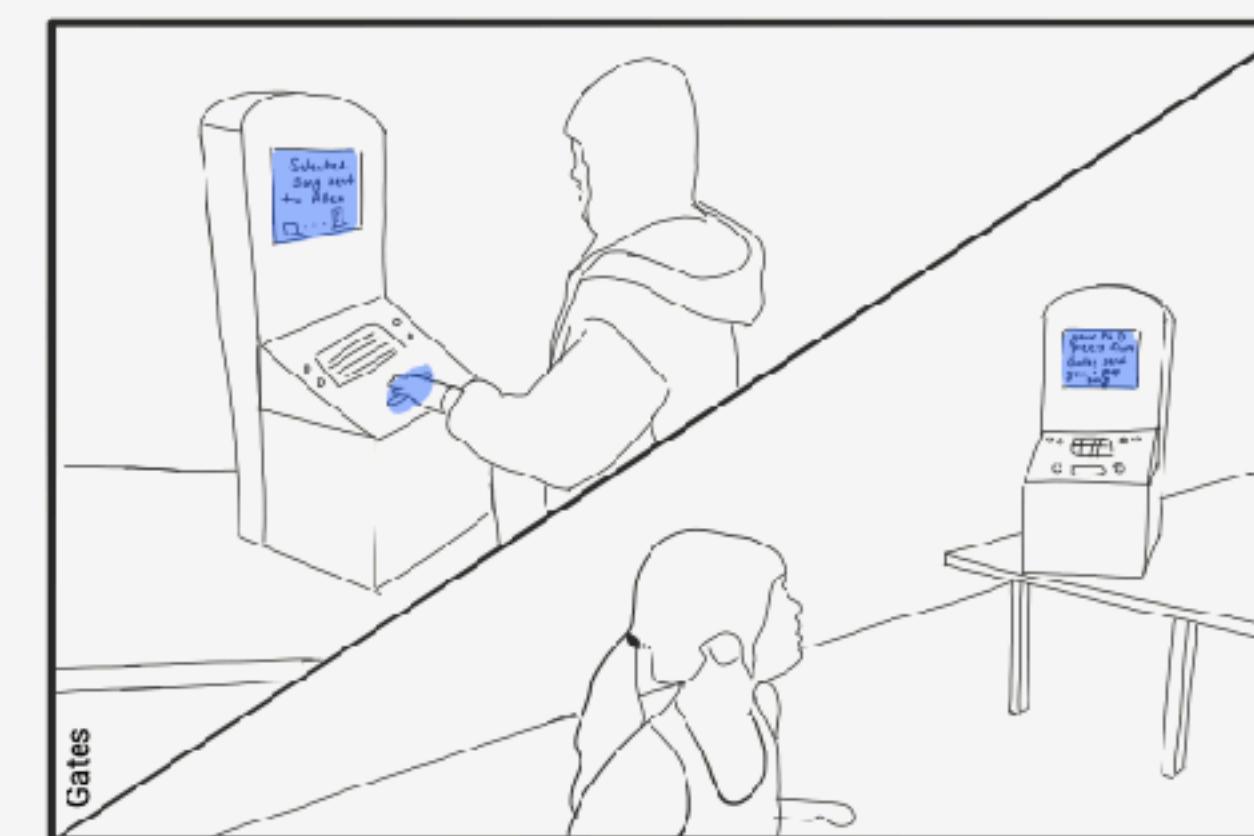
Storyboard

- Show the **whole interaction** including how it starts (what's the spark before you're even using the product?) and ends
- It should look something like a comic strip panel, including title and captions
- You should have 2 or 3 flows (for different users/different scenarios)
- You can use drawings or figma mockups to describe the flow from screen to screen.

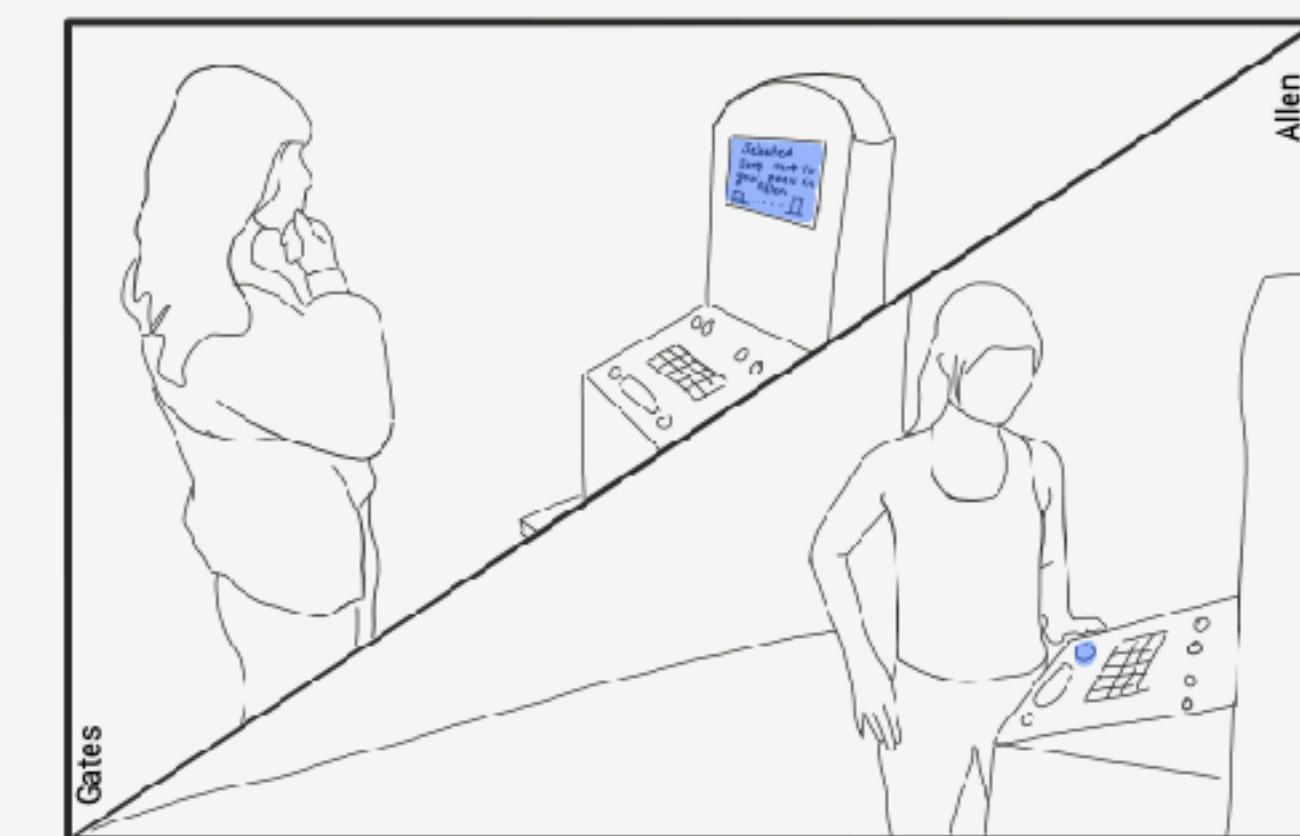
Storyboard



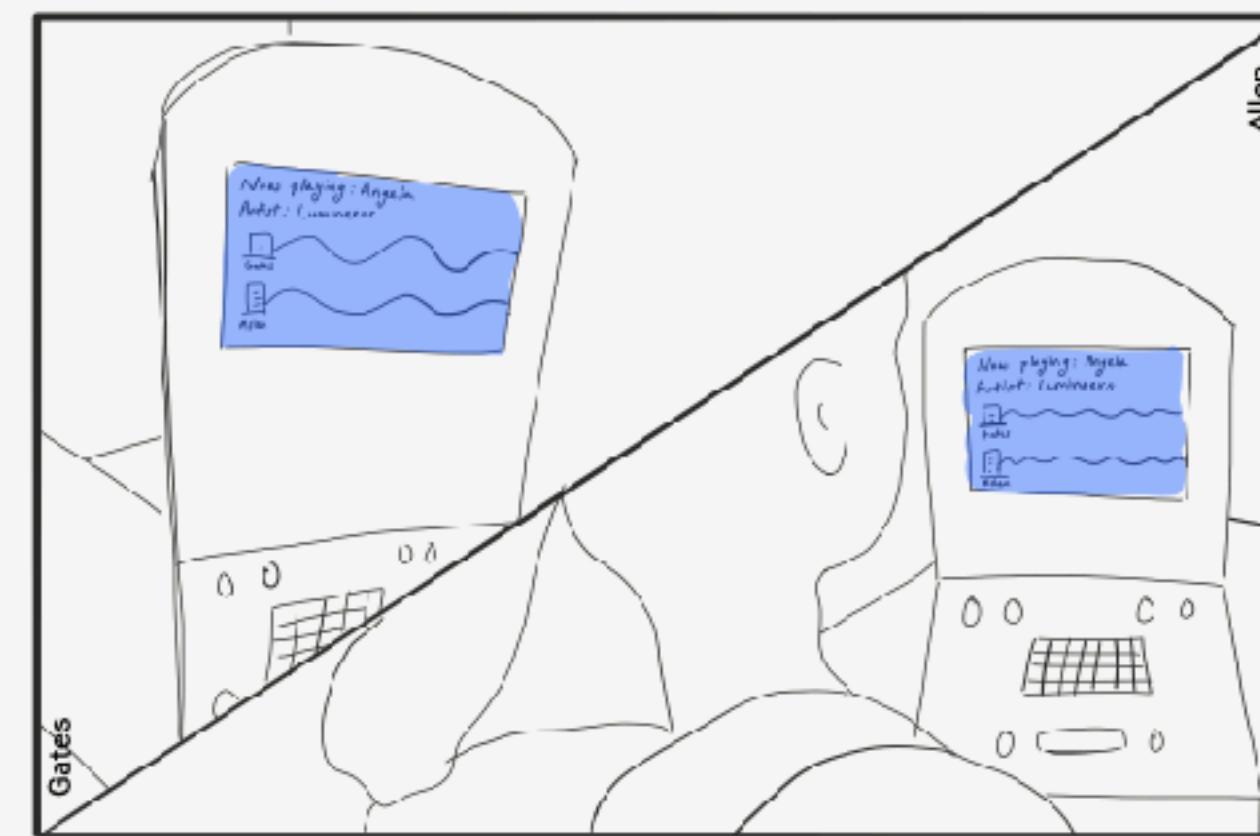
1. It is lunch time and a few Ph. D students take their breaks in both the Jake (Allen Building) and the research commons (Gates building).



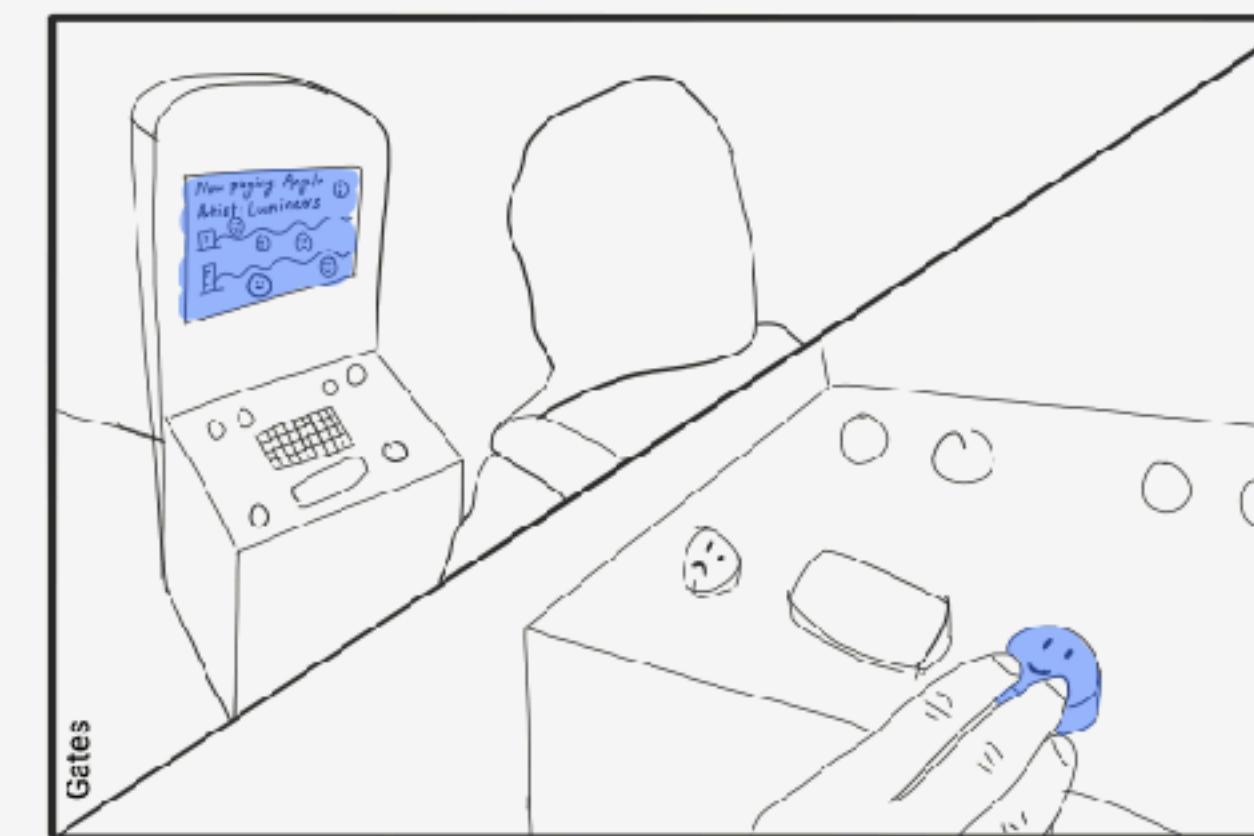
2. Emma in Gates approaches Jucebox installation and types the song "Party in the USA" which is then sent to Allen. Jessica in Allen sees a notification on the installation screen.



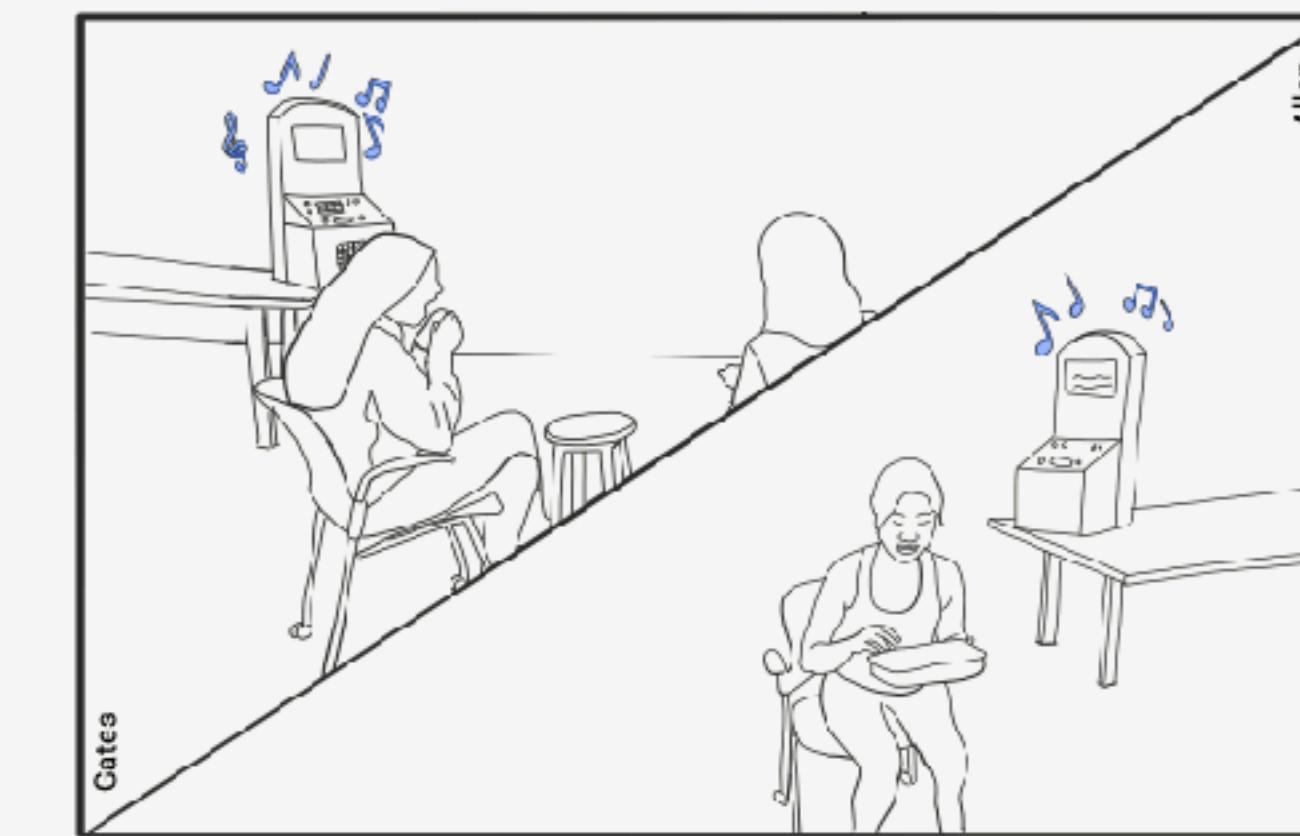
3. While Emma waits for a response from Allen, Jessica sends an accepted meme to notify Emma she accepts the song.



4. Now that the song was accepted, "Party in the USA" is playing in both buildings simultaneously.

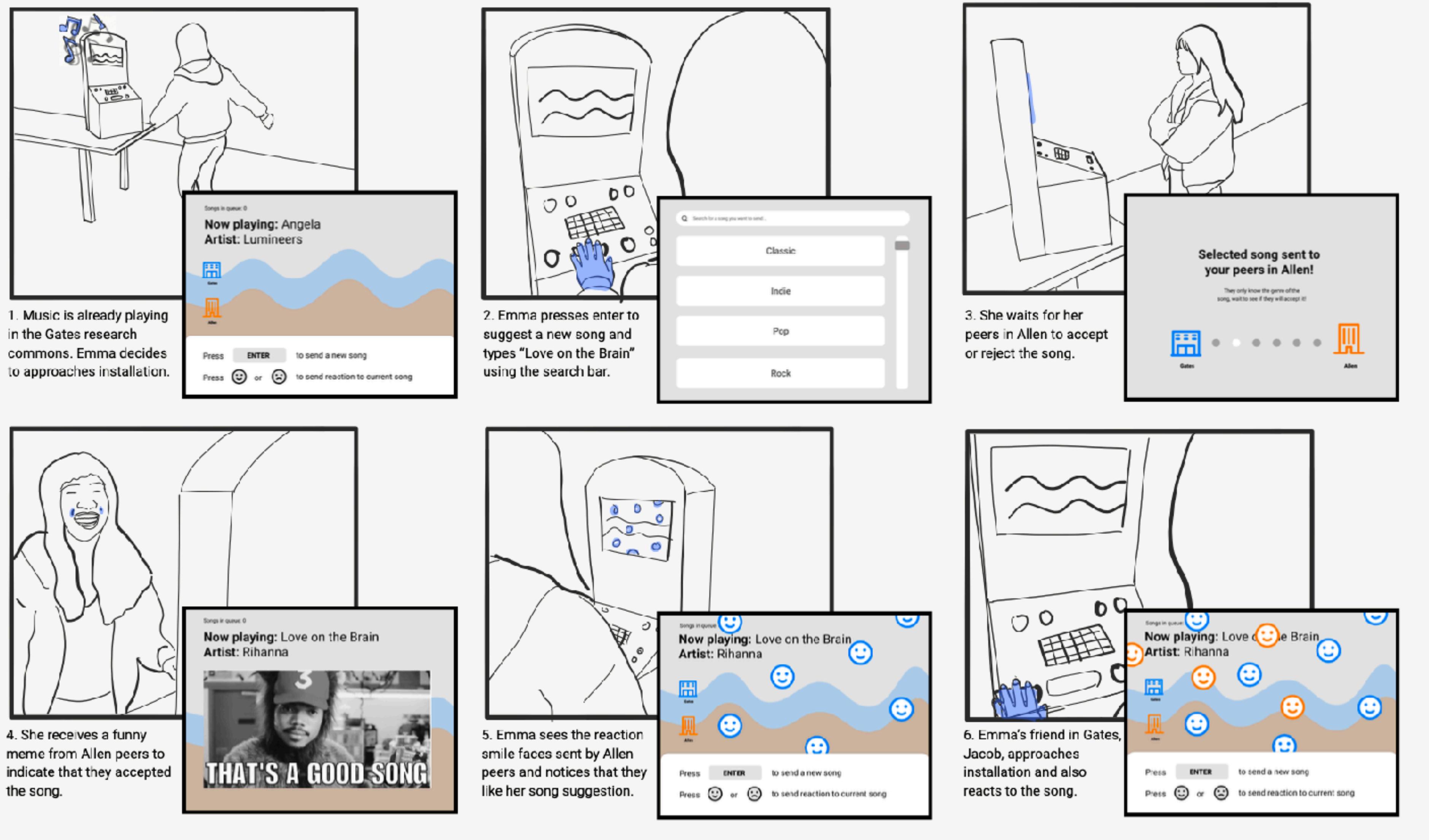


5. Jessica clicks the smiling emoji button to react to the song. The reaction emojis display on the screens in each building.



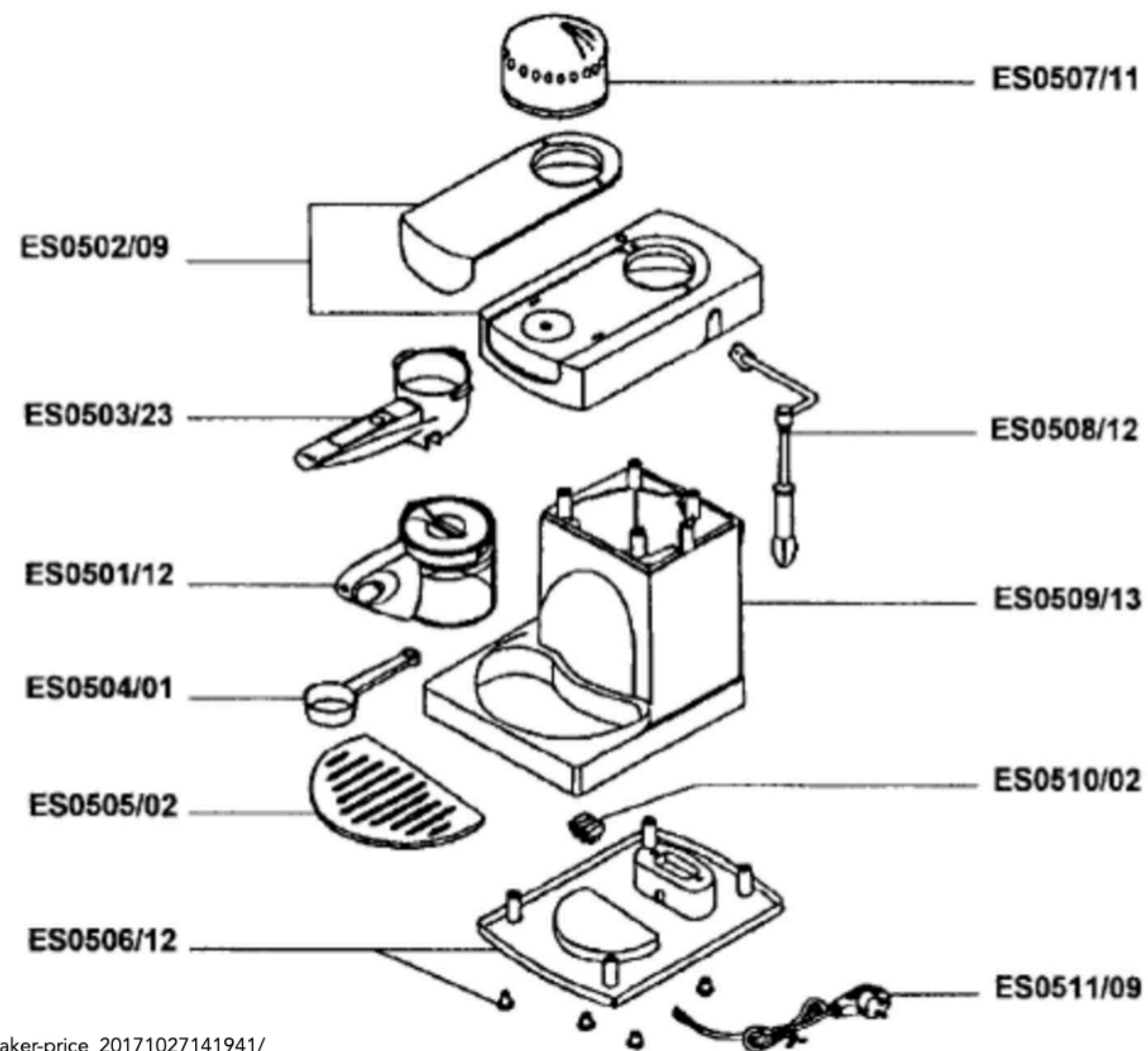
6. In both buildings, people eat lunch and enjoy the music that was sent by Emma in Gates building.

Storyboard



Architectural Design (and/or code specification)

- Diagram of components (organized into subsystems/subcomponents)
- Show all the parts necessary

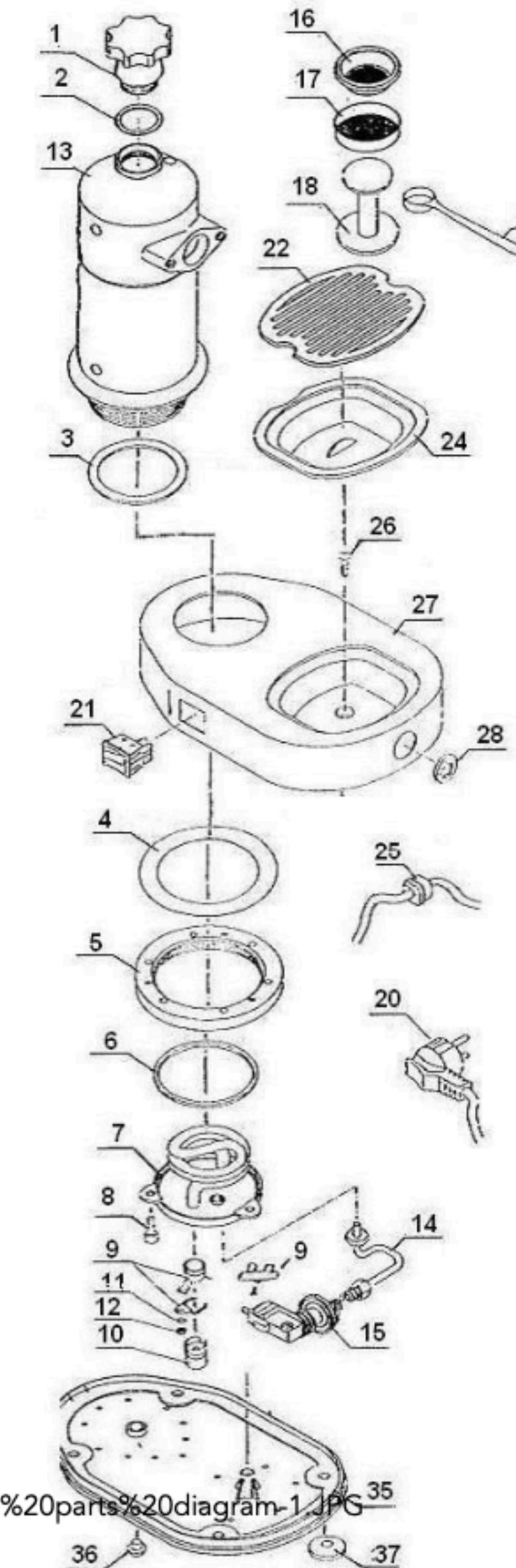


- Likely not as complicated for you all since you are building software (for the most part)
- But even then, there are subcomponents
- Server vs desktop client vs mobile client, database vs web server

(Side note: If you're looking for a way to scope down, consider removing your backend)

<http://partsguru.com/user/LaPavoni%20Europiccola%20parts%20diagram-1.JPG>

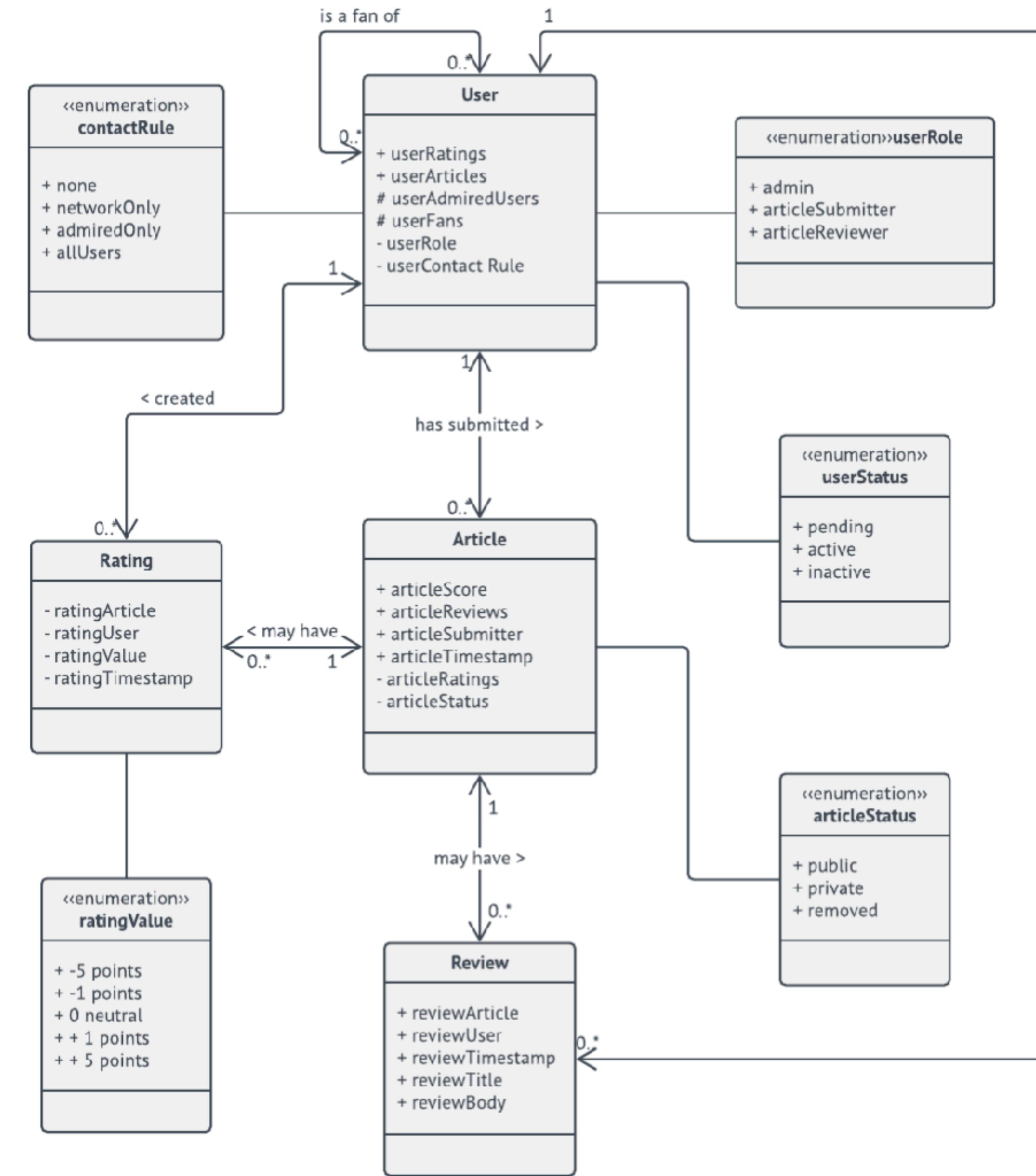
Europiccola - Diagram - 1



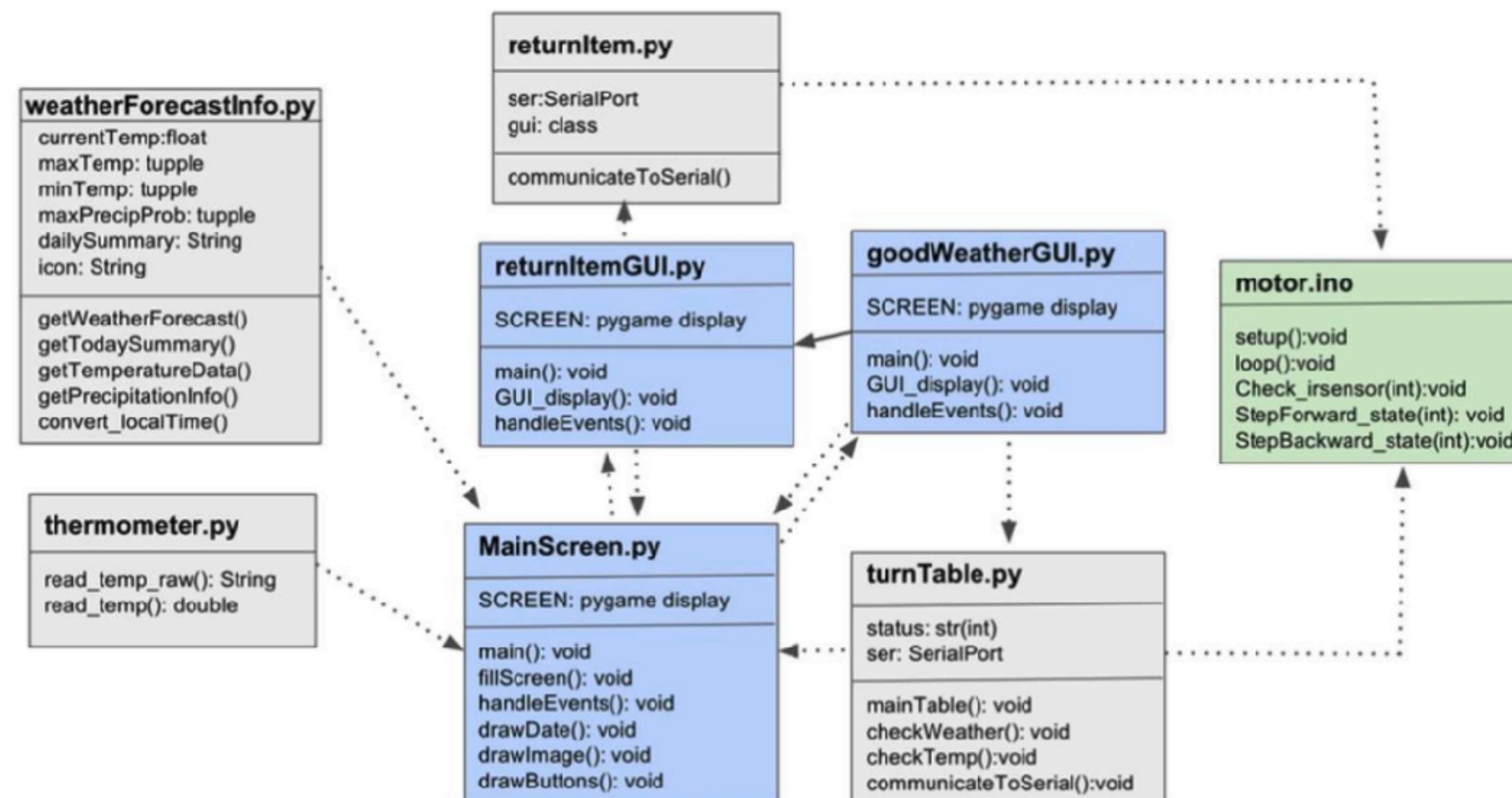
Pos	Parts #	Description	Models
1	P-1	Black knob for tank	All
	P-1W	Wood knob for tank	
	P-1R	Black knob for Romantica	
2	P-2	Gasket for knob	All
3	P-4E	Tank to base gasket	
3	P-4P	Professional tank to base gasket	
4	P-5	Inner body gasket	All
5	P-6	Flange Brass coarse thread	
6	P-07	Gasket for old copper element	
	P-7SS	Gasket for Stainless Element	All
7	P-10E	Heating element copper Europiccola	N.A.
	P-10ES	Europiccola Heating element S/S 110V	
	P-10PS	Professional Heating element S/S 110V	
8	P-18S	Screws for heating element	All
9	P-14A	Reset fuse for S/S heating element	All
	P-15A	Brown fuse 128 degree	All
10			
13	P-3E	Chrome tank for Europiccola	
	P-3EC	Europiccola Copper tank	
	P-3EB	Europiccola Brass tank	
	P-3P	Professional Chrome tank	
	P-3PC	Professional Copper tank	
	P-3PB	Professional Brass tank	
14	P-13	Connector for thermostat	
15	P-14	Pressurstat	
16	P-69	1-cup filter basket	All
17	P-68	2-cup filter basket	All
18	P-67	Coffee Press Europiccola	All
19	P-70	Coffee measure	All
20	P-81	3-prong plug	
21	P-85E	Double switch for Europiccola	
	P-85EL	Single switch for Europiccola	
	P-85P	Single switch for Professional	
22	P-79	Upper drip tray	All
	P-79B	Upper drip tray in Brass	
	P-79C	Upper drip tray in Chrome	
24	P-80	Lower drip tray	All
25	P-84	Cord body grommet	V110
26	P-87	Screw	All
27	P-89BB	Europiccola BlackBase	
	P-89C	Chrome Base	
	P-89BB	Brass Base	
28	P-91	Pavoni Logo	All
35	P-92	ABS Plastic Base	All
36	P-94	Fuse cover Grommet	All
37	P-93	Rubber base feet	All
	P-1DE	Brass dome for Romantica	

Dealers for espresso machines parts and repairs
Services Unlimited, Inc./Parts Guru
 Lansdale, PA 19446
 e-mail: granita@rcn.com

- Spend more time on spec'ing out your code architecture
- UML diagram describes different classes, attributes, methods, and relationships between them



Example UML diagram (Unified Modeling Language)



<http://poe.olin.edu/2015/wsmart/firmware--software.html>

`Void highlightSelection()`

- Parameters: none
- If up/down arrow key is pressed, the selection gets highlighted

`Void sendSong()`

- Parameters: building name
- Call `getSelection()` to get the song name, and based on the name, get its correlated genre
- Create a new message to send to the other user that will only contain the genre of the song and which building it was from
- If "enter" key gets pressed, the song gets sent to the other building
 - The song object will be sent to a database (firebase) and the other building will be subscribed to any changes in database and that's how the message will be sent
 - Prior to sending the song, if the building's "attemptsLeft" is at 3 (which is the max number of retries), the user will see a pop up that says they have to wait for a few minutes before trying again.

`String getSelection()`

- Parameters: if movement came from search or from the genre selection
- If parameter = search
 - Get the user input from text box and return it
- If parameter = genre
 - Get the user input from the div and return it

`String addToQueue()`

- Parameters: song object
- If queue is at max length, return string that says "queue is maxed"
- If queue still has space, add the song object to the queue and return string "song queued"

`String removeFromQueue()`

- Parameters: song object
- If queue is already empty, return string "queue is already empty"
- If queue has songs to remove, remove the song from the queue and return string "song removed"

- After G4, it's time for you to start implementing!

- Steps to help you get there (not required for G4):
 - Write out in more detail each method and what arguments it takes, what it returns, and what it does.
 - We will set up a Github repository for your code in our class Github org.

Author		Label	Projects	Milestones	Assignee	Sort
33 Open	✓ 32 Closed					
Create "Add governance" button on Open Collective	triage					2
#185 opened on Jan 3 by thelastjosh						
If Slack voting post is deleted by an admin, cancel the vote	component: plugin enhancement priority: low					
#184 opened on Dec 27, 2021 by mashton						
Perform Slack vote in multi-person DM	component: plugin enhancement priority: low					1
#183 opened on Dec 27, 2021 by mashton						
Support multi-select choice voting in Slack and Discord	component: plugin enhancement priority: low					
#181 opened on Dec 27, 2021 by mashton						
Create linked Metagov IDs on Discord login	component: plugin					
#171 opened on Dec 16, 2021 by mashton						
Fix request verification in Slack event handler	component: plugin priority: low					
#166 opened on Dec 8, 2021 by mashton						
Add teardown function to Plugin	component: core enhancement					
#165 opened on Dec 7, 2021 by mashton						
Implement basic support for monitoring & oversight	enhancement priority: medium					
#164 opened on Dec 7, 2021 by shaunagm						
Begin standardized versioning and release process for Metagov	enhancement priority: low					
#163 opened on Dec 7, 2021 by shaunagm						
Make it possible to re-open closed governance processes	enhancement priority: low					
#162 opened on Dec 7, 2021 by shaunagm						
Add protection against admin abuse	enhancement priority: low					
#161 opened on Dec 7, 2021 by shaunagm						

- Start turning these spec details into Github issues.
- Issues can be tagged, commented on, and assigned to specific people.

Timeline - an example



- Issues in Github can be grouped in to Milestones
- This might be a good way to discuss your timeline to finish this work (Milestones: week 1, week 2, week 3?)
- This is called a Gantt chart for showing a project schedule

- You can also use Github Projects (basic task manager) to move issues into different columns (blocking, to do, in progress, done).

The screenshot shows the GitHub Projects board for the 'Metagov' repository. The board is organized into four columns: 'Backlog', 'Next up', 'In progress', and 'Done'. Each column contains a list of issues with their titles, descriptions, and labels.

- Backlog:** Contains 15 issues. One issue is visible: "[policykit] list available events, actions, and processes somewhere in the Policy Editor" (opened by amyxzhang/policykit#377). Labels: component: policy editor, documentation, priority: medium, status: needs further thought.
- Next up:** Contains 0 issues.
- In progress:** Contains 0 issues.
- Done:** Contains 104 issues. Three issues are visible:
 - "Create a Perspective API plugin" (opened by mashton#60) - component: plugin, triage
 - "Create a client library in Python for Metagov" (opened by mashton#30) - enhancement
 - "Update Plugin config approach: support global settings and server-side community settings" (opened by mashton#71) - enhancement

At the top, there are navigation links for Code, Issues (33), Pull requests (7), Discussions, Actions, Projects (2), Wiki, Security, and Insights. A search bar for 'Filter cards' is also present. On the right, there are 'Fullscreen' and 'Menu' buttons.

- Useful to combine this manager with something like a weekly meeting, where you look over it together to move issues into different columns and triage unsorted issues.