



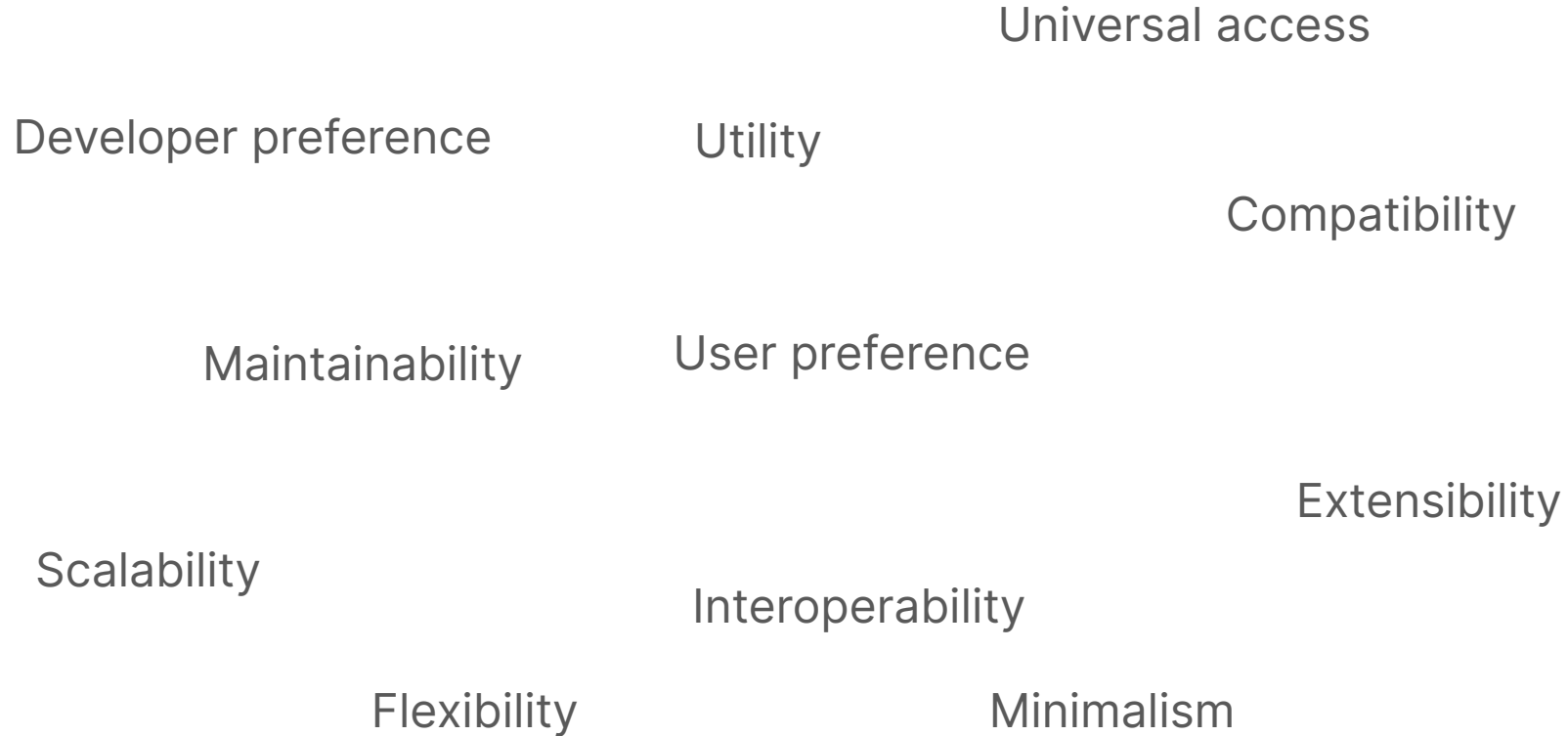
A Weighted Factor Analysis for Project Selection

Powell's Prophets (Team 12)

To quote a movie ahead of its time...



Axes of exploration



Axes of exploration

Developer preference

User preference

Maintainability

Minimalism

Interoperability

Scalability

Flexibility

Universal access

Extensibility

Compatibility

Utility

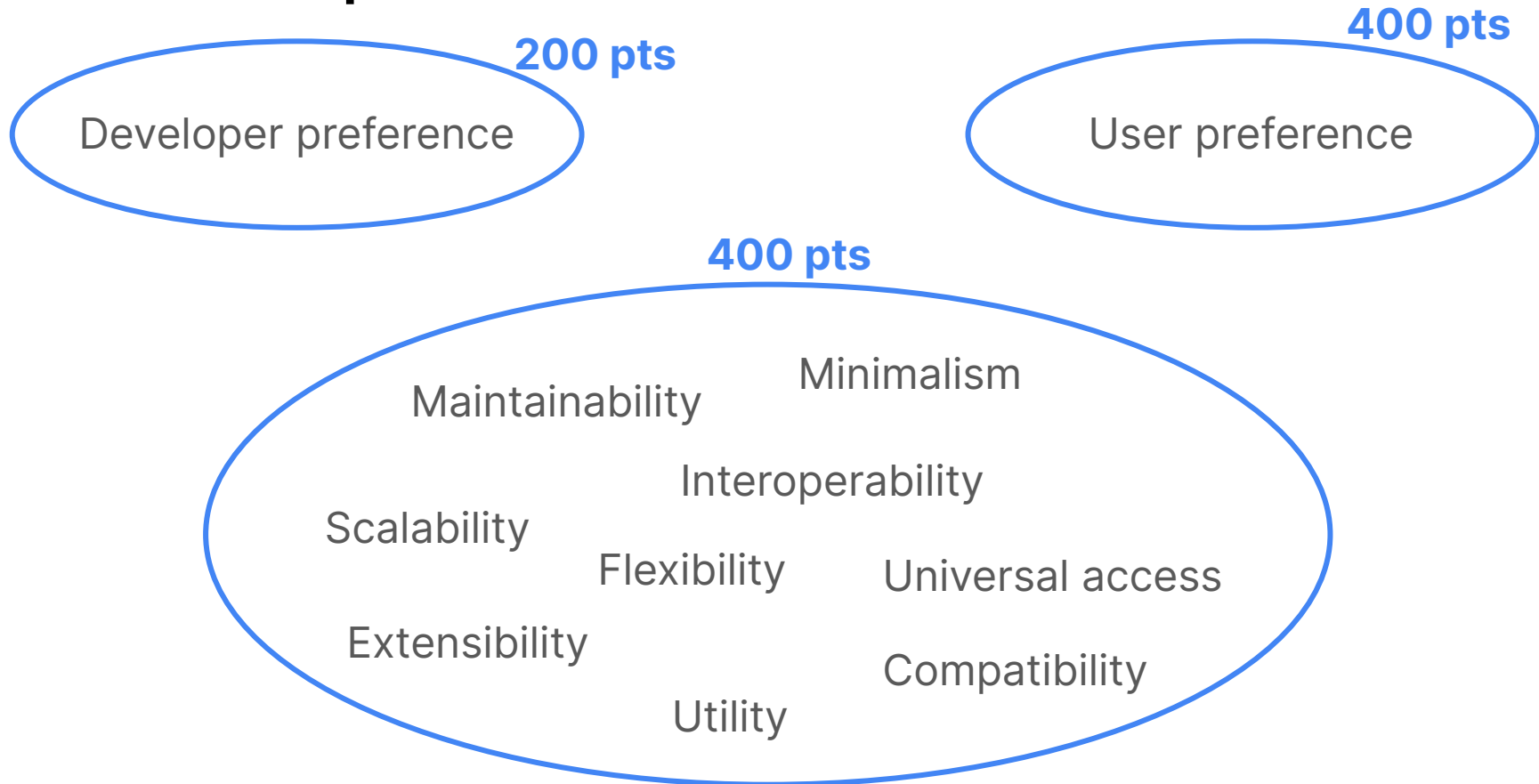
Axes of exploration

Developer preference

User preference

Maintainability
Minimalism
Interoperability
Scalability
Flexibility
Universal access
Extensibility
Compatibility
Utility

Axes of exploration



1000 pts

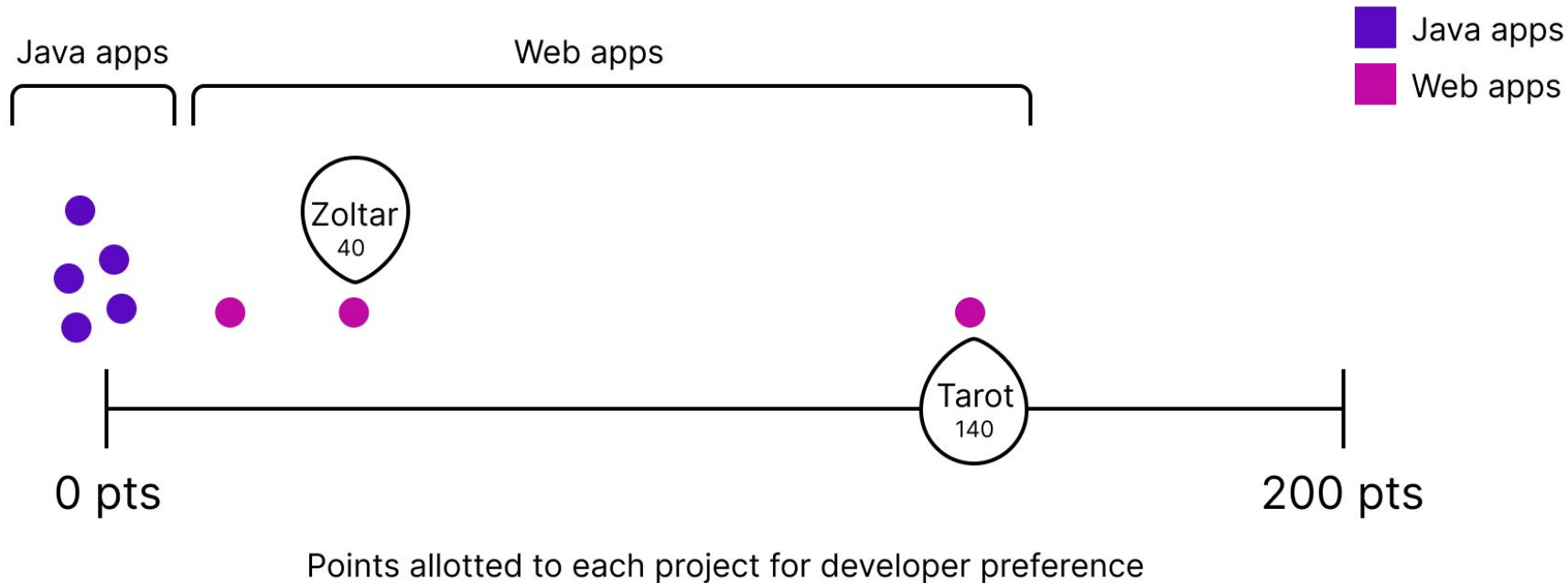
The project with the most points will be selected.

Developer preference

200 points

- Able to take into account that otherwise-difficult-to describe *X factor* for each project
- Small number of points avoids DX dominance

Which project does the team want to work on?

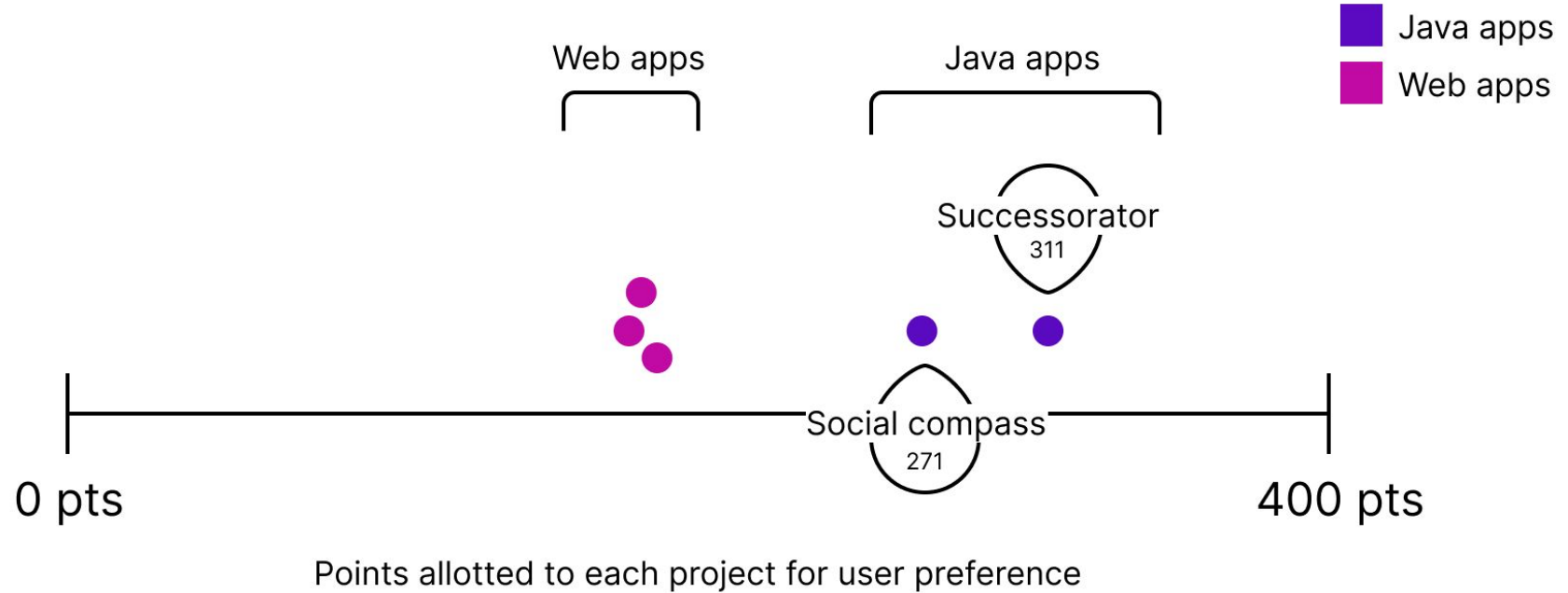


User preference

400 points

- UX >> DX
 - ◆ $UX = 2 * DX$ is the heuristic we chose
- We have weeks to improve the implementation anyways, so we have some wiggle room to pick a project with meh code if the concept is good

What do users think of the high-level concepts?

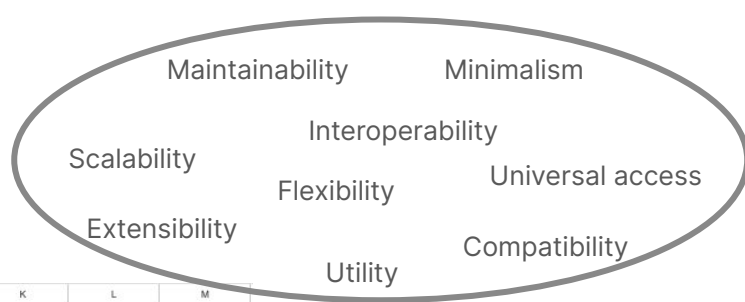


-ility analysis

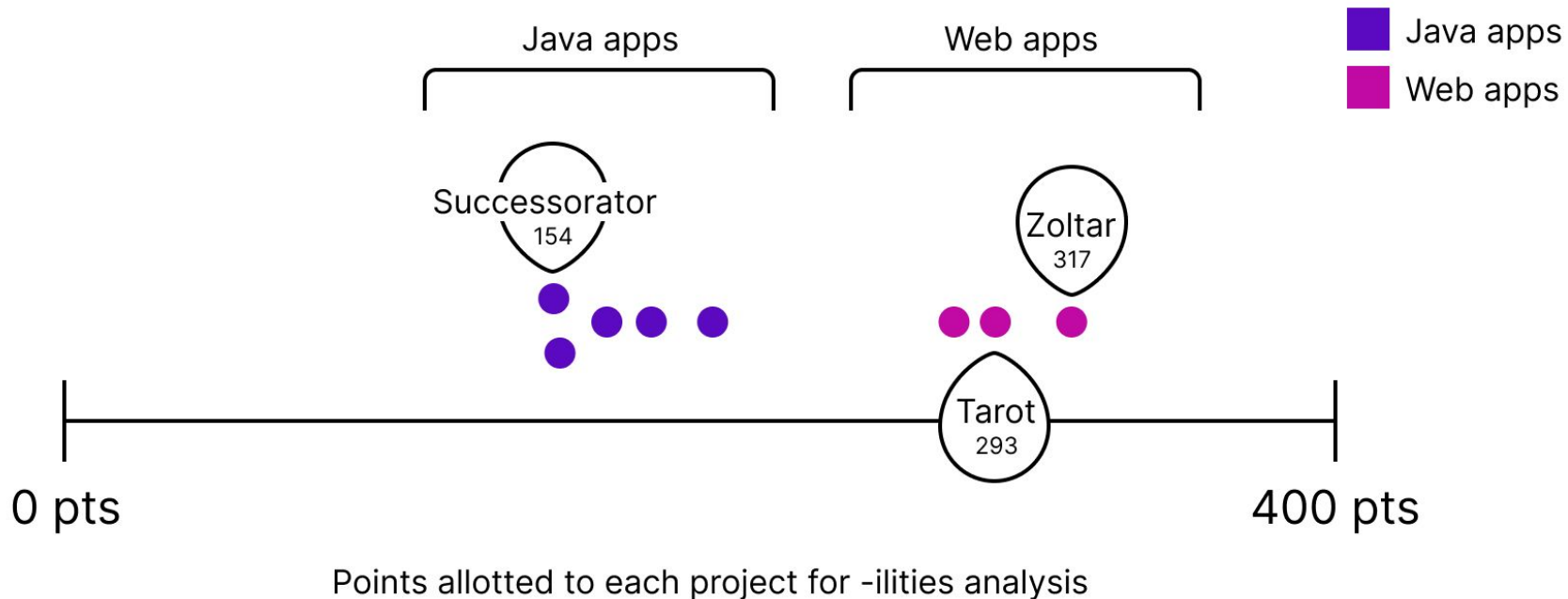
400 points

- Analysis of the various dimensions of what makes a repository “good”
- Created a list of 36 boolean and numeric questions to apply to each repository
 - ◆ E.g., *are there block-level comments on >70% of functions? Is there unit testing? Is there a change log?*

Which features and practices were implemented?

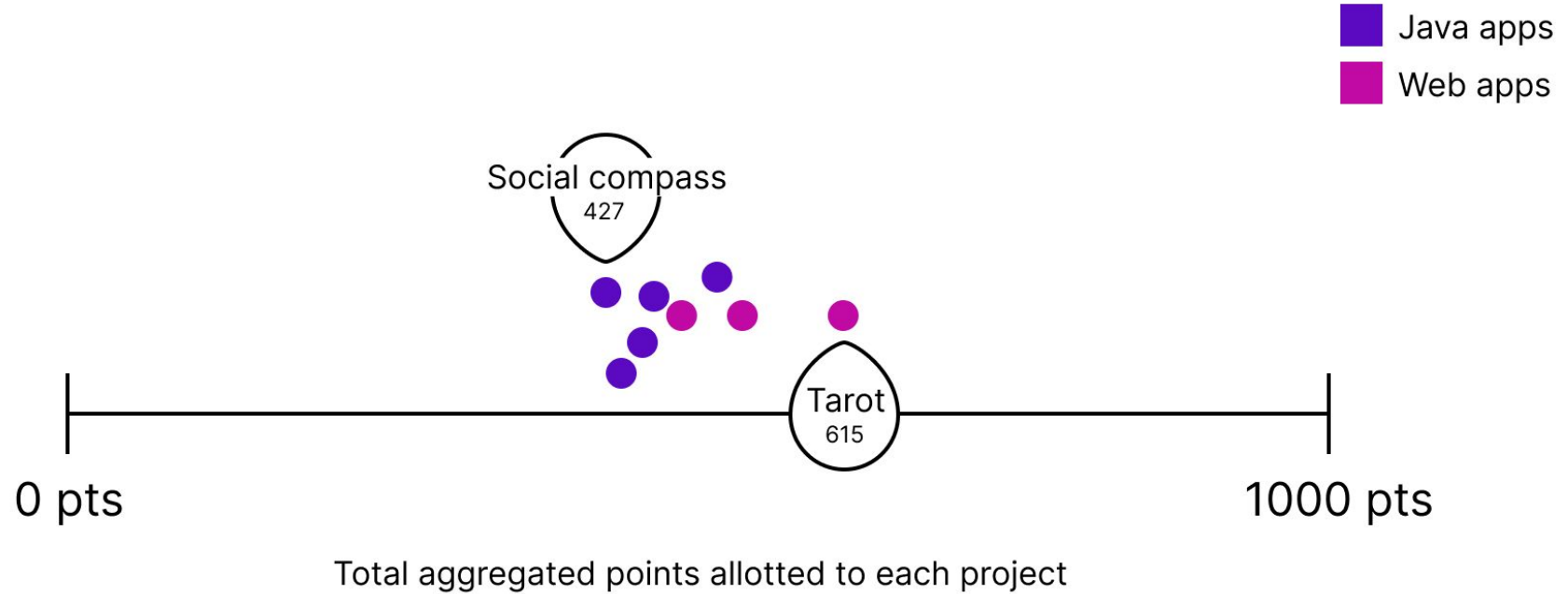
[illegible]

Which features and practices were implemented?



Final results

Aggregated results



Tarot, but Game

615 points

Zoltar

535 points

Successorator

515 points