

Tech Test PHP

Attachments

[export.csv](#)

[onboarding-design.pdf](#)

If you have any questions, please feel free to ask. It's part of the assessment.

Goals

- Get insight of how users flow through the onboarding process.
- Get insight in how the onboarding process improves over time.
- Get information on where we should improve the onboarding; where do users get stuck?

Background and strategic fit

Temper has just optimized the onboarding flow. After signing up for an account, the user has to complete a series of forms to complete its account.

The current steps in onboarding are:

1. create account - 0%
2. activate account - 20%
3. provide profile information - 40%
4. what jobs are you interested in? - 50%
5. do you have relevant experience in these jobs? - 70%
6. are you freelancer? - 90%
7. waiting for approval - 99%
8. approval - 100%

At the moment we don't know how users are performing in the onboarding flow. We want to know where many people get stuck, so we can make improvements. We want to create a retention curve chart that shows how far a group of users (weekly cohorts) came in the onboarding.

Assumptions

- The chart is only visible for Temper admins.
- The chart will look like the one below.
- The chart has one line per weekly cohort.
- The vertical axis is the percentage of users who have been or are still in this step.
- The horizontal axis represents the step in the onboarding (based on the onboarding percentage).

- On the first step (X=0) 100% of the users are still active, so all charts start at X=0 Y=100%.
- An export of the User table with relevant information is attached: export.csv

Must haves

- Clean, maintainable code
- Represent the data in web frontend in a chart using [Highcharts](#)
- > 50% test coverage on business logic
- SOLID
- Clear setup instructions using nginx, php -S or artisan serve
- Upload the results to github/bitbucket
- Keep it simple; you should be able to finish the assessment within 4 hours.

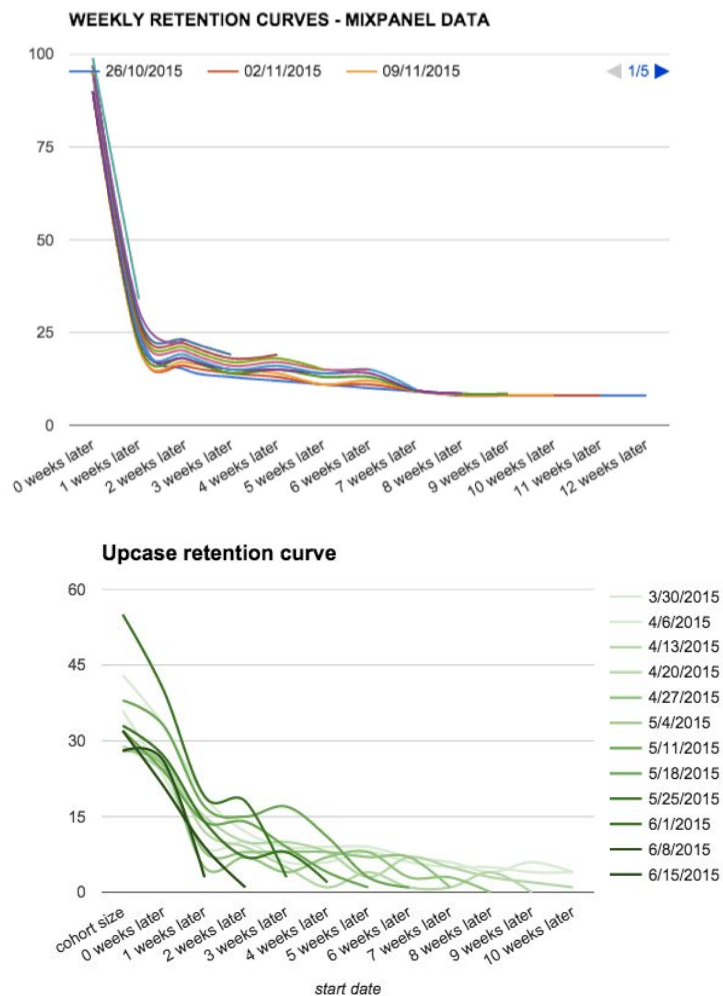
Bonus points

- Nice frontend

Out of scope

- Login system
- Any of the screens defined in the PDF attached.
- Eye candy

Examples of retention curves



<https://goo.gl/aWA8Ab>