Job Fair Website

A road map to 2018 Job Fair

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History of the universe

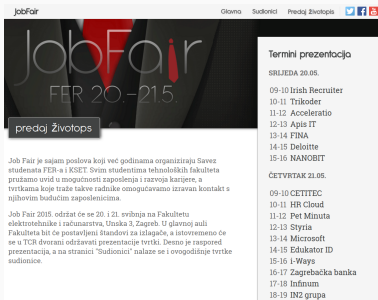**Figure 1:** History is ugly

OK, not that ugly.

Figure 2: Job Fair 2014 and 2015 web

Main guidelines

- simplify development
- show time and date of the event
- have a CV form for students
- maybe show the presentation timetable
- development from ground up every year
- done by a single developer in PHP and frontend stuff

History

Problems

- unsustainable - start from scratch every year
- lack of information
- no version control
- often edited directly in production
- design and usability can be improved on

Figure 3: Now, this is better

Figure 4: Job Fair 2017 web

History

Main ideas in the beginning

- buy the design, make backend quickly
- still almost one pager
- add news section
- online company application
- use git (mind blown!)
- language support
- use rails, pgsql, slim...

History

Current state

- switched to docker
- added new pages (press, past, floor plan)
- added API for mobile
- dynamical company listing and timetable (modals)
- added a lot of information to company orders
- we are building a tower on top of shack foundations

Project organization

Project organization

Main ideas now

- build an expandable structure
- organize company ux around web
- make mass emails and jobfair@kset.org obsolete
- allow easy integration of mobile and other apps
- start on time, don't creep the features
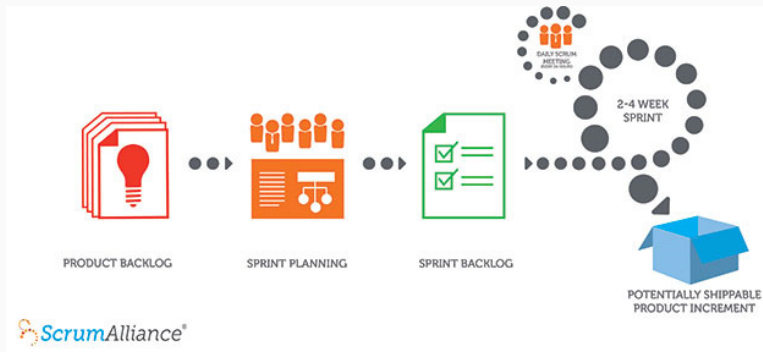- learn agile
- involve more people

Figure 5: Standard Scrum workflow

Agile / Scrum

Scrum artifacts and events

- **sprint** - a given period of time (1-3 weeks)
- **product backlog** - contains all tasks vital for the project
- **sprint backlog** - tasks that will be done in given sprint
- **sprint planing** - periodical meeting where sprint backlog is filled and current progress is reviewed

Agile / Scrum

Scrum roles

- **product owner** - makes sure product will satisfy the client
- **scrum master** - makes sure team delivers on time, protects the team from greedy product owners
- **developer** - makes shit done :)

Agile / Scrum

How will we use it?

- Plan features in the beginning
- Freeze the design
- Split into teams
- Track the development progress
- Work hard but don't put too much stress on people
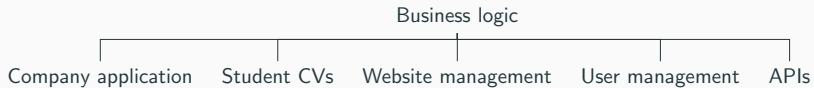
Initial featureset

Figure 6: Initial project parts

Website

Frontpage   News   Press   Past editions   About   Impressum

Website

- Here to provide general info on project
- Attracts both companies and students
- Composes of basic building blocks
- Should be easy to manage by organization, PR, video, photo...

Business logic

Business logic

Company application · Student CVs · Website management · User management · APIs

Business logic

Company application

- Company applies with basic info (company name, contact info, what they want)
- An account manager is assigned to the company
- Companies get an email when they are accepted, when they have to add some info (logo, purchase order), when booth location or presentation time is assigned...
- All documents are stored online and are easy to access
- Account manager gets info when company changes info

Business logic

Student CVs

- Students can fill in their info, hide their info from certain companies, or star some companies (get reminder for presentation, tinder)
- Companies can view student info and search for students, view their remarks on students
- Automatic data extraction from pdf
- Integration with external applications and games?
- Loosen up party invitations?

## Business logic

Website management

- Add/remove/edit sections
- Section examples: YouTube stream, gallery, call to action, news posts, testimonials, about the fair...

User management

- Add/remove/edit users
- Account managers info available to their companies
- Example data: name, email, phone, assigned companies, bio

Business logic

APIs

- Expose public company info
- Integration with mobile applications
- Companies can generate keys and access/add student data?
- Eg. company makes a game that you can access only if you have entered a CV db. It exposes your name and email to company. Game saves your top score in the game - key/value data.

Mobile

For companies   For students   For organizers?
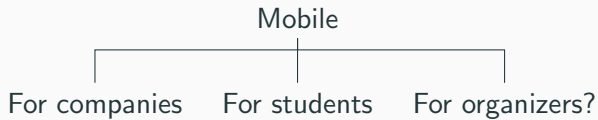
Timeline and parallel development

Project timeline
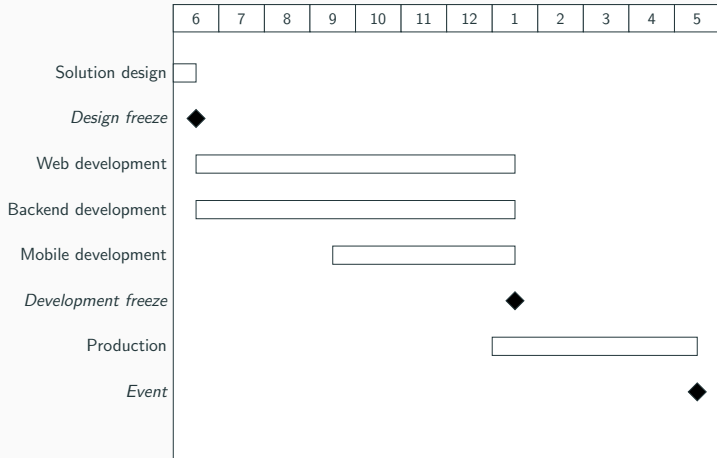
Teams and roles

Surprise

Figure 7: Free beer every sprint planning

Thanks