



## SPAT-Team 3-BANDD

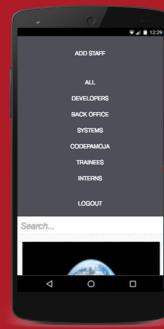
Babacar, Navin, Arslaan, Daniel, Dylan & Hani

# Book Of Faces (Smoelenboek)

"Book of Faces is a stand-alone application representing an overview of Competa staff members"

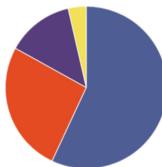
## ORIGINAL REQUIREMENTS

- o Self-registration for Competa users
- o Log in and out of the system
- o View different staff member's profiles
- o Ability for admin to add profiles
- o Ability for admin to edit profiles
- o Ability for user to edit their own profile
- o Forgot password functionality
- o Filter users based on Department

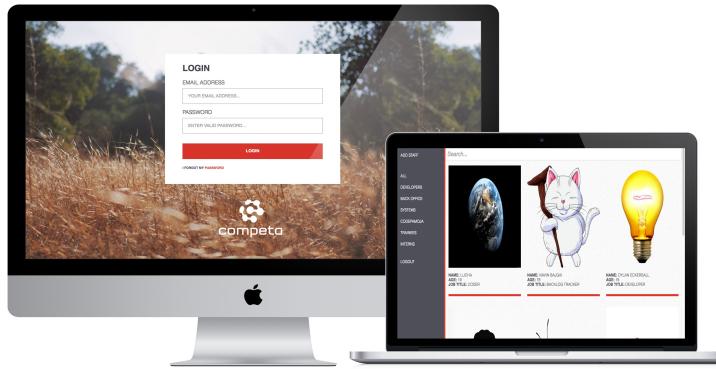


## LANGUAGES & TECHNIQUES

- o Languages Used
  - PHP
  - JS
  - HTML
  - CSS

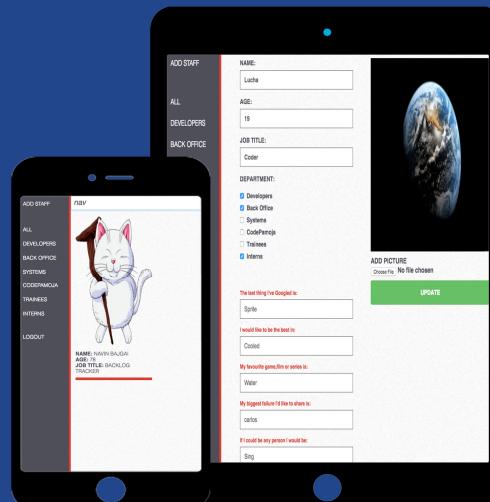


- o Techniques used
  - AJAX live search
  - Password Hashing
  - MVC
  - Email Confirmations & Notifications
  - Password Hashing (BCRYPT)



## STRENGTHS

- o Security
  - Htmlentities – Same as htmlspecialchars except escaped characters are converted to html entities where applicable
  - Trim – Removes spaces for data entered, helps to keep data valid
  - Stripcslashes – Escapes quotes from data, this is important to help prevent SQL injection
  - Password Hashing (BCRYPT)
  - Generate Random Tokens
- o Responsive
  - Responsive design implemented throughout the web pages.
  - Bootstrap twelve column grid system



## Software Projects With Agile Techniques

Dr Jullian Bass, Dr Adil Al-Yasiri, Kim Massaro (PO)

## CHANGE IN REQUIREMENTS

- o Search functionality for user profiles
- o Prompt Change password on first login
- o Removed self-registration
- o Change in the Add profile design
- o Change in the Edit profile design
- o Login Screens
- o Consistency in Designs

## AGILE METHODOLOGIES USED

- o Practice used - SCRUM
  - T-Shirt sizing for tasks
  - Daily stand-up meetings
  - Sprint planning
  - Sprint retrospective - action points
  - Sprint review - the system
  - Client demo
  - Burndown Charts
  - Kanban Boards
  - Pair Programming

## TOOLS USED

- o Tools
  - Trello for User stories
  - Slack for Team Communication
  - Visual Paradigm for creating System Diagram
  - Version Control - GIT
  - GIT Flow (Master, Development, Sprint, User Story)
  - Branch per story method
  - Merge Tool (meld)
  - Merging into sprint, development and master only once our product owner was happy with and passed our sprint
  - Collaboration on same user stories