



Project Proposal for Advanced Web Programming

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Introduction

The association Wi-Ing aktiv e.V supports the students of the program HWI (Business Engineering) in Hamburg (Germany). It is an umbrella for the broad activities in the program which are either executed by the main association or the following groups:

- **ZARTBITTER:** The newspaper of the program. It gets published tree times a year
- **ESTIEM:** The european organization for activities in whole europe
- **WAS:** The sportive part of the program
- **AHWI:** Yearbook for companies
- Yearly Prom: The main association host a yearly prom for fresh graduated students
- Excursion to companies for practical insights or soft-skill training

In total the association has approximately 400 members. The active amount of students who participate in one of the mentioned groups is approximately 50. The most work is done by the group leaders and the board of Wi-Ing aktiv (aprox. 15 people changing every year). Because of the high workload during the study each member has just a limited amount of time furthermore the fluctuation reduces the knowledge transmission.

Hence the goal of the project is:

- Support the workflow of the group-leaders to reduce their workload
- Increase the integration between the groups
- Increase the collaborative work between groups
- Guarantee the knowledge transmission

Features

Because an [actual site](#) exist (just information display) the information shall be presented in an more appealing way to give member and companies and easier enter point to participate in group activities or support the association.

Therefore general ideas have been generated:

- Support for group activities process (e.g company visits and sport activities)
 - Member participation
 - Easy organization / event generation
- News feed (RSS & Mail) for each project group
- Single-Side-Login
- Facebook integration
- Easy protocol generation with task derivation
- Application for new member
- Delightful semester program including vCal and iCal format

Grade

I aim to get an A.