

CyberCoach Project

Advanced Software Engineering

Team ASRS

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Agenda

- Ideas
 - web services
 - user stories
- Project Management
- Team Member Roles
- Software Development

Web services

- Web services
 - gravatar
 - twitter / facebook
 - publish tweets / messages on fb timeline
 - google maps
 - draw meeting point
 - weather api

User stories

- A user can...
 - setup sport sessions and invite friends
 - challenge his buddies
 - earn sports achievements in different sport categories
 - keep track on their sport achievements / progress (calories, km, pace)

User stories

- A user can ...
 - draw a running track on a map
 - find other users in the neighborhood to join them
 - can share his progress and earned achievements on social media sites(eg twitter & facebook)

Project Management

- Shared Product Backlog on google drive
 - list of user stories
- Communication over email / google drive chat
- Git / Github
 - milestone for each sprint
 - sprint backlog = github issues in a milestone
 - user story = broken down into features
 - issue = feature or bug (using GitHub labels)
 - each developer assigns a feature to himself

Team Member Roles

- Product Owner
- Developer Team
 - besides the scrum roles, one additional role
- Developer Team
 - Scrum Master
 - Developer
 - Deployment Specialist

Software Development

- ~~Test driven development~~
- Write Unit tests
- Scrum as agile development methodology

Software Development

- Some guidelines
 - push as often as you can
 - one feature has multiple commits
 - only tested code is pushed on the dev branch
 - after a finished milestone
 - test release cand. on heroku
 - if there are no errors ...
 - merge dev into master
 - tag master branch with a release version number