
PDA

Semester projects introduction, project description
creation



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- consultation hours: at practices
- course web page: <http://pda.felk.cvut.cz>



Classification

■ Credits

- min. 40 points
- submitted semester project (D1-D4)
 - min. points per deliverable: 3 b

■ Exam

- not mandatory
- min. 10 points

■ Points

D1-D4	65 points
exam	35 points
SUM	100 points

■ Extra points 5-10

- SIGCHI lectures
- WUD 2011
- max. number of points in semester is 65 p

■ Classification

- A ... 90 and more points
- B ... 80 - 89 points
- C ... 70 - 79 points
- D ... 60 - 69 points
- E ... 50 - 59 points

■ Consequences

- without exam not better than D



Practice time schedule

W1: Semester project assignment, examples, rules for getting credits

- [D1] submission (Sun 25.9. 2011 24:00 /+4 hours/)

W2: NO PRACTICE (HOLIDAY)

- consultation with semester project supervisor



W3: Preparation for [D2] - problem description

- [D2] submission (Sun 9.10. 2011 24:00 /+4 hours/)

W4: [D2] feedback, preparation for [D3] - design I

W5: Individual work on the project, testing methods (EE, CW, user tests)



W6: Development environment configuration, Hello World application



W7: Individual work on the project

- [D3] submission (Sun 6.11. 2011 24:00 /+4 hours/)



W8: [D3] feedback, preparation for [D4] - design II

W9: [D3] presentation **[P1]**



W10: Individual work on the project

W11: Individual work on the project

W12: Individual work on the project

- [D4] submission (Sun 11.12. 2011 24:00 /+4 hours/)

W13: Presentation of final design II

W14. Credits



Semester projects: Overview

- 1 project = 1 student
- mobile device available
 - RIM BlackBerry Curve 8520 (13x)
 - HTC - Android/WP7 (20x)
 - Nokia - Symbian OS (3x)
- development environment
 - BB JDE, Eclipse+plugin, MS Visual Studio
 - simulators
 - real device (limited amount)
- **D1: project description (3p)**
 - **Sun 25.9. 24:00 (+4 hours)**
- **D2: problem description (7p)**
 - Sun 9.10. 24:00 (+4 hours)
- **D3: design I (20p)**
 - Fri 6.11. 24:00 (+4 hours)
- **P1: Presentation – 5 best designs (5p)**
- **D4: design II + final report (30p)**
 - Sun 11.12. 24:00 (+4 hours)
- submission at <http://htcsemestralky.felk.cvut.cz>
- late submissions
 - within 24 hours -20% (D1 -1p; D2 -1p; D3 -4p; D4 -6p)
 - after 24 hours **0 points** => no credits



Semester projects: Deliverables

- D1: project description (3p)
 - title
 - short description (10 sentences)
 - user target group
- D2: problem description (7p)
 - users
 - activities
 - system support (what and how)
 - what activities and in which detail will be supported
 - target devices
 - context
 - mobile aspects of the future system (LBS used, environment, usage setups)



Semester project examples



Suitable applications

- Pubtran
 - MHD; LBS based suggestion
- SmartMaps
 - tracking; maps; GPS
- c:geo
 - geocaching support; offline mode, navigation
- SMS jizdenka
 - SMS ticket manager; various cities; expiration reminder
- Heureka.cz
 - price comparison in terrain; identification based on barcode reader
- TudyNE
 - problem reporting in the area of transport based on actual position



Homework

- D1 submission
 - Sun 25.9. 24:00 (+4 hours)
- Collect relevant information for D2
 - D2 creation will be subject of the next practice



Thank you for attention

