Praktikum Entwicklung Mediensysteme

Organisatorisches
Today

• Schedule
• Organizational Stuff
• Introduction to Android
• Exercise 1
Schedule

• Phase 1 – Individual Phase:
  • Introduction to basics about Android
  • Exercises 1 and 2 (+1 advanced exercise for Master students)
  • Each student works on exercises himself/herself
  • Weekly meetings

• Phase 2 – Concept Phase:
  • Concept development for an application around a specific topic
  • Topic: ???

• Phase 3 – Implementation Phase
  • Regular Milestone Meetings

• Phase 4 – Deployment Phase
  • Deploy your application on the Android Market
  • Fame and Glory
Overall Topic: ????

- Will be unveiled later
Organizational Stuff I

- 6 ECTS-Credits
- Weekly Meetings
  - Wednesday 16 Uhr c.t.
  - Room 107, Amalienstr. 17
  - some meetings will be held in the backyard building
- Homepage
  - http://www.medien.ifi.lmu.de/pem
Getting Credits/Grade

• Presence throughout the course
• „Pass“ all exercises
• Grade is derived from:
  • Single Exercises
    • Exercise sheets
    • Presentations (Everyone needs to present at least once)
  • Group rating
    • Project
    • Project presentation
Timeline
### Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.10.</td>
<td>Introduction and Overview of the Android Platform</td>
</tr>
<tr>
<td></td>
<td>Implementing a User Interface</td>
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<tr>
<td>02.11.</td>
<td>Storing, Retrieving and Exposing Data</td>
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<tr>
<td>09.11.</td>
<td>Brainstorming, Application Design</td>
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<tr>
<td>16.11.</td>
<td>Project Phase Starts</td>
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<td>07.12.</td>
<td>Milestone 1</td>
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<td>21.12.</td>
<td>Milestone 2</td>
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<td>18.01.</td>
<td>Milestone 3</td>
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<td>01.02.</td>
<td>Final Presentation</td>
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Organizational Stuff II

- Students work in teams
- SVN accounts for each team
  - https://tracsvn.medien.ifi.lmu.de/repos/pem-ss11-team
  - Außerdem steht ein Bugtracksystem zur Verfügung:
    https://tracsvn.medien.ifi.lmu.de/proj/pem-ss11-team
- Students check their exercises in with their group’s SVN repository
Teams

• **Team 1**: Christine Wagner, Bertram Schmitt, Eva Nießner, André Ebert

• **Team 2**: Shaonan Zhang, Stephan Baier, Bernhard Seltl, Christian Frey

• **Team 3**: Sabine Schön, Alexander Oschatz, Frederik Brudy, Tanja Neumayer

• **Team 4**: Zorig Dorj, Sarah Thiel, Verena Lerch, Benjamin Maldoner
Technology – SVN
Technology – SVN I

• SVN - General
  • Version control system
  • Enables collective editing of shared source code
  • Data stored in a „Repository“ which is accessed over the network
  • Editing on local copies of the files
  • Old version available on the server
  • When possible, files will be merged automatically when edited by multiple users at the same time
  • Similar to CVS
Technology – SVN II

• SVN – First Steps (using Tortoise SVN)
  2. Checkout your team repository (creates a local copy of the repository)
     Create an empty folder, open it, right-click and choose „Checkout“.

![Checkout Window](image.png)
Technology – SVN III

- SVN – First Steps (using Tortoise SVN)
  3. Each time you start working perform the “Update” command.
  4. Each time you’re done working perform a “Commit”. Both commands are located in the right-click menu.
  5. Further functionalities are available in the right-click menu like “delete”, “rename” and more.

Attention: Do not use the OS-functionalities for this functions. And do not touch the hidden .svn-Folders, especially do not copy an svn-folder (use Export-Command).

For further Information read the German SVN introduction by Richard Atterer, which can be found here: http://www.medien.ifi.lmu.de/fileadmin/mimuc/mmp_ss04/Projektaufgabe/mmp-subversion.pdf
Fragen?