Praktikum Entwicklung Mediensysteme (für Master)

Organisatorisches
Today

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

• Phase 1 – Individual Phase:
  – Introduction to basics about Android
  – Exercises 1 to 3 (+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
## Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5.</td>
<td>Introduction and Overview of the Android Platform</td>
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<tr>
<td>12.5.</td>
<td>entfällt</td>
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<tr>
<td>19.5.</td>
<td>Implementing a User Interface</td>
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<tr>
<td>26.5.</td>
<td>Storing, Retrieving and Exposing Data</td>
</tr>
<tr>
<td>2.6.</td>
<td>entfällt (Christi Himmelfahrt)</td>
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<tr>
<td>9.6.</td>
<td>Brainstorming, Application Design</td>
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<tr>
<td>16.6.</td>
<td>Project Phase Starts</td>
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<td></td>
<td>... (Milestones)</td>
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<tr>
<td>28.7.</td>
<td>Final Presentation</td>
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Organizational Stuff I

• 4 SWS

• Weekly Meetings
  – Thursday 14 Uhr c.t. - ca. 16 Uhr
  – Room 107, Amalienstr. 17
  – New Media lab available soon (if necessary)

• Homepage
  – http://www.medien.ifi.lmu.de/pem
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**: Annika Tonch, Beatrice Lamche, Simon Eumes, Benedikt Bleimhofer

• **Team 2**: Stefanie Grois, Claudia Lauschke, Julia Polleti, Robert Wilde

• **Team 3**: Andreas Sedlmeier, Simon Mang, Wojciech Lobacz, Elisabeth Engel

• **Team 4**: Michael Marth, Katharina Rausch, Evgeniya Ivanova, Lucia Cichella
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 screenshot](image)
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?