Politecnico di Milano

Facoltà di Ingegneria dell'Informazione

Engineering Software 2 Project

MPH
Manage Project Homework
Changes to RASD and DD

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Having little experience with JEE previously, we apply more changes to our Document Design. Below, the most important difference.

- Changes on Session and Servlet

We have introduced two new entity: Mark and Invite. The first entity is necessary to register vote applied by a prof to a deliverable of a specific group. The second one register persons who are invited to a group. Other entity still remains equal.

Other changes are about Session classes. We add some session and modify one to have better control of the entire application. We add GetBytesFromFile Session Bean that is helpful to transform a file in an array of byte.

SessionPerson, originally expected, are now divided into 3 Session Bean: Person, dedicated to login actions, SessionInvite, dedicated to manage the request for invitation from group and finally SessionRegistration dedicated to manage registers request.

Other Session previously provided were more detailed to have complete control of the application.

Also Servlet are changed: we add other two servlet class, ServletRegistration and ServletLogin. The latter are used, over to login users, to make logout from every page. A last Servlet class, called Servlet, was implemented. Every other ServletClass implements this class, so we have defined only one time the method widely used like "redirect" and to manage exception.

- Changes on Specifications

We changed some specifications to facilitate user to manage their info. Each deliverable is evaluated with a score between 1 and 30 and the submitted vote to a group make an average of all deliverable score. Also, a professor don't specify how many files need a deliverable, but every group can upload how many files want: the professor will control consistency with project description and number of file uploaded by a group.

Finally, when a Professor decides to submit a vote to a group, every deliverable not evaluated are not consider.

- Other Changes

We decide to not implement an Administrator: Administrator have complete access to source code and to database. To enable a Professor, Admin have to access to te DB and modify the table of that Professor.

Finally, we decide students can be subscribe to same project with different groups, in case a student want redo the project.