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Conference Management System

*Team:*

*NOT FAST BUT FURIOUS*

*Team Members:*

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Description:

Implement a web application for a Conference Management System. The user will be able to create an account, log in and operate based on their account. The users can be: PC Members, Listeners, and Authors. When the steering committee decides to organize a conference, they choose the PC Members and upload the information on the site.

The PC Members (including the chairs) upload information about them on the site: name, affiliation, web-page, email address, username and password. They are allowed to change the deadlines.

Each person interested in the conference creates an account and logs in. If it is also an author, it must submit the abstract and the full paper/s until the deadline is reached.

In the second phase, PC Members bid proposals. Then, the chairs assign to each reviewer the papers that need to be evaluated. There can be 2, 3 or 4 reviewers to a paper. At the end, the authors are announced about their result. PC Members, excepting the chairs, can also submit proposals by logging as authors.

In the third phase, each participant is required to choose a section which he wants to participate in, in order to assign the most appropriate room.

*Project Description:*

* *Functionalities:*
* A PC Member is able to log in, to change his personal info, to switch to author mode and to bid proposals
* The chair, co-chairs and conference-chairs are able to change the deadlines and to assign papers to reviewers
* A reviewer is able to review one or more papers, attach recommendations to a paper, upload and see evaluations
* A participant can pay the registration required for log in
* An author can create an account, log in, submit a paper and upload the full paper in pdf format
* A listener can specify the section he/she wants to participate in
* *Workflow:*

First we created the database, and then we started implementing the functionalities. We implemented the domain classes, then the repositories, the controller and the UI.

* *Technologies used:*
* DB server: Microsoft SQL Server
* Programming language: C#
* ORM: Dapper
* Software for creating diagrams: Star UML
* Task management: Trello
* GUI: Qt