



Conference Management System

TEAM: Aș mânca o ciorbă

The background of the slide is a vibrant green. In the center, a silver laptop is depicted. Its screen shows a simplified web browser interface with a white header, three colored rectangular blocks (blue, green, red), and several horizontal lines representing text. White lines radiate from the laptop, connecting it to various circular icons. These icons include: a server rack, a folder, an '@' symbol, a wrench and screwdriver, a cloud with a sub-network diagram, a globe, a database cylinder, a padlock on a globe, a folder, a cloud with an upload arrow, and an envelope. The right side of the slide features a white rectangular area containing the title text.

Brief description

BRIEF DESCRIPTION

- The application manages conferences and users.
- There can be 4 types of users associated with a conference: chairs/co-chairs, speakers and listeners
- Data associated to each event consists of: proposals, evaluations, deadlines, papers, presentations, etc.
- Paper submissions can be presented by the users for evaluation after they register/ log in by fulfilling necessary information.
- Papers can only be submitted before the deadline.
- PC members then bid and review the proposals.
- Selected papers are then presented by their speakers (the users which submitted the proposals) in the context of different sections of a conference.
- The functionality of the Conference Management System is contained in the automatic management of information related to events: adding conferences, setting deadlines for all of the submission dates, start and end times of conferences, submitting, bidding and reviewing proposals, viewing details of the conferences, extending deadlines, purchasing a ticket for a conference, etc.

Stages of implementation



STAGES OF IMPLEMENTATION

- RESEARCH

- In this phase we focused on evaluating the requirements and understand them
- Chose the technologies
- Tried to sketch some ideas about how the application will function based on our chosen technologies

- DIAGRAMS

- In this step our main goal was to better understand and acquire more knowledge about how our application should work by designing different diagrams

- MOCKS

- At this stage, after having a more complex idea about the application, we designed the frontend
- At the end of this stage, things were much more clearer about how everything should work

- CODE

- The most challenging phase
- We were guided by tasks assigned to each of us
- Taught us how to work as a team and help each other out when needed

- TESTING



Used technologies

USED TECHNOLOGIES

- PROGRAMMING LANGUAGES

- The programming language chosen for the implementation of this project's backend was Java. We chose Java because we all had a background in object oriented programming and knew the strengths of this language. Layered architecture and the Spring Framework were used in the implementation. Angular (TypeScript) was chosen for the frontend development because of its versatility and ease of use.

- ORM

- The Hibernate ORM Framework was used for mapping the object oriented domain models to the relational database tables.

- DIAGRAMS

- Diagrams are of utmost importance in software development, enabling the developers to understand and visualize how the implementation should unfold. UML diagrams are used to communicate different aspects and characteristics of the system, and how it should behave under different circumstances and different triggers. Diagrams are a powerful tool in understanding how a system should work, but they don't have to include all the finer details of the implementation.

- VERSION CONTROL

- Git and GitHub were used for the version control system, as they are widely used and known for their reliability and ease of use.

- UI PROTOTYPING

- Mockups were drawn before the implementation of the frontend because they are a high fidelity visual representation of the GUI , enabling the team to better design the layout and functionality of the website pages by which the user interacts with the application.

Help



HELP

- HOMEPAGE

- The homepage of the application is available to everyone, including users that are not logged in in order to provide accessibility to a wider target group
- For each conference, more details are available when pressing the Details (1) button. Three tabs appear each with different information related to the conference: General Info (2), Program Committee Members (3), Deadlines (4)
- The user should be able to press the Interested (5) button and the conference will be added to the conference list of the user
- Pressing the Apply (6) button allows the user to submit his/her own proposal

My Conferences

My Submissions

Football Theories

6/1/20, 1:00 PM - 6/30/20, 1:05 PM

General Info

1

DETAILS

Fitness and Nutrition

6/1/20, 1:05 PM - 6/30/20, 1:05 PM

General Info

DETAILS

Business Plans

6/1/20, 12:00 PM - 6/30/20, 12:00 PM

General Info

DETAILS

HELP

Fitness and Nutrition

Interested

5

General Info

2

Program Committee Members

Application Details

General Info

Fitness and Nutrition


Interested


3

General Info

Program Committee Members

Application Details

 Aaron Smith

 Michael Ball

Fitness and Nutrition

Interested

General Info

Program Committee Members

Application Details

4

Conference will begin on **6/1/20, 1:05 PM** and end on **6/30/20**

The deadline for sending proposals is: **6/2/20**

The deadline for assigning reviewers is: **6/3/20**

The deadline for proposals evaluation is: **6/17/20**

The deadline for results of the evaluation is: **6/24/20**

Apply

6

HELP

Log In

Sign Up

Log In

Username

Password

Log In

Don't have an account? [Register here](#)

Sign Up

Username

Full Name

Affiliation

Email

Password

Sign Up

Already have an account? [Log-In here](#)

- LOGIN AND SIGNUP

- Each user that has access to the application has the possibility to sign up by pressing the Sign Up tab in the nav bar
- Here he must provide some specific information in order to be registered in the system with an account
- Each user that already has an account can log in by pressing the Log In tab in the nav bar. If the user does not have an account, he can press the Register button which redirects him/her to the Sign Up page
- He must provide a valid username and password in order to have access to his/her account

HELP

- MY CONFERENCES
 - Here all conferences related to a logged in user with a specific role are available
 - The user is able to add a new conference
 - For each conference the user can:
 - *Proposal phase*: press the Bid button and send a Bid Result for a specific paper
 - *Assign phase*: press the Assign Reviewers button and assign reviewers to the proposals from the conference
 - *Evaluate phase*: press the Review button and send a review for a specific paper; press the Recommend button and send a recommendation
 - *Result phase*: results should be displayed for each paper
 - In each phase, the owner is able to postpone the deadline of the phase by pressing the Edit button

Conference Editor

Title

Business Plans

General Info

General Info

Start date

01-Jun-2020 12:00 PM



End date

30-Jun-2020 12:00 PM



Proposal Deadline

10-Jun-2020 12:00 PM



Assignment Deadline

17-Jun-2020 12:00 PM



Check to add as Co-Chair

Aaron Smith

Michael Ball



Add

Conference Editor

Days

3

Postpone proposal deadline

My Conferences

Business Plans

Current deadline for proposals: Jun 10, 2020

Edit

Bid

Football Theories

Current deadline for assigning reviewers: Jun 10, 2020

Assign reviewers

Edit

Fitness and Nutrition

Current deadline for evaluating papers: Jun 17, 2020

Edit

Review

Add

Bid

Title	Actions
Women in business	<div><div>Download Document</div><div>Bid</div></div>

Chose a result:

PLEASED

NEUTRAL

REFUSED

Close

Send

Submissions

A modern approach to fitness

Assign Reviewers

Something different

Assign Reviewers

mihai,NEUTRAL



andrei,PLEASED



Assign

Between 2 and 4 reviewers should be selected

Review

Title	Actions
A modern approach of fitness	<div>Download Document</div> <div>Review</div>
Something different	<div>Download Document</div> <div>Review</div>



Chose a result:

STRONG ACCEPT

ACCEPT

WEAK ACCEPT

BORDERLINE PAPER

WEAK REJECT


REJECT

STRONG REJECT

Close

Send

Review

Title	Actions	
A modern approach of fitness	Download Document	Recommend 
Something different	Download Document	Review

Write your recommendation:

...

|

//

Close

Send

HELP

- MY PROPOSALS
 - Accessible from the nav bar – My Proposals tab – when the user is logged in
 - Here all submissions of a user are shown along with their correspondent details

My Proposals

Title ↑	Status	Abstract URL	Full URL	Recommendation
Submission0	2	abstract paper URL	full paper URL	-
Submission1	2	abstract paper URL	full paper URL	-
Submission2	2	abstract paper URL	full paper URL	-
Submission3	2	abstract paper URL	full paper URL	-
Submission4	2	abstract paper URL	full paper URL	-



Thank You

CERBUȘCĂ CRISTIAN
CEAUȘOGLU EDUARD
CHIRA LARISA
CÎMPEAN DARIA
CÎRCU MIHAI
COCAINĂ TUDOR
922