



UTA

# The University Team Allocator

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The University Team Allocator

# The Idea and Basis of the Application





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# Why UTA?

- User-friendly
- Solves an existing problem
- Well-balanced teams => Productivity increased => win – win
- Speeds up and eases the process
- Recommendation system

SEARCH  
LAYOUT  
BUYER PERSONAS  
**FUNCTIONALITY**  
NAVIGATION  
CONTENT  
CONTACT  
RESPONSIVE  
**USABILITY**

# Who uses UTA?



**Dr Leif Azzopardi**  
**Lecturer**

As Senior Lecturer of Web Application Development in the School of Computing Science at the University of Glasgow, Leif hates Java and PHP.

For his assignments he prefers allocating his students into groups of 4. He urges the teams to include members of various degree levels and expertise. However, he always finds it hard forming well balanced teams and the whole process is time consuming.

## Key Functions:

- Define the assignment requirements
- Upload list of students
- Define a limit for arranging teams
- Allocate the rest of the students through the system

## Critical Needs:

- Form teams quickly and efficiently
- Monitor the process



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# Who uses UTA?



**Emma  
Student**

As a Computing Science student at the University of Glasgow, Emma is enrolled into multiple courses requiring group assignments. Based on her past experience, she always worries when it comes to forming a group.

**Key Functions:**

- Create a detailed qualifications profile
- Team up
- Accept/Decline suggested team

**Critical Needs:**

- To be allocated in a team
- To find a team in the time limit
- To find the best team

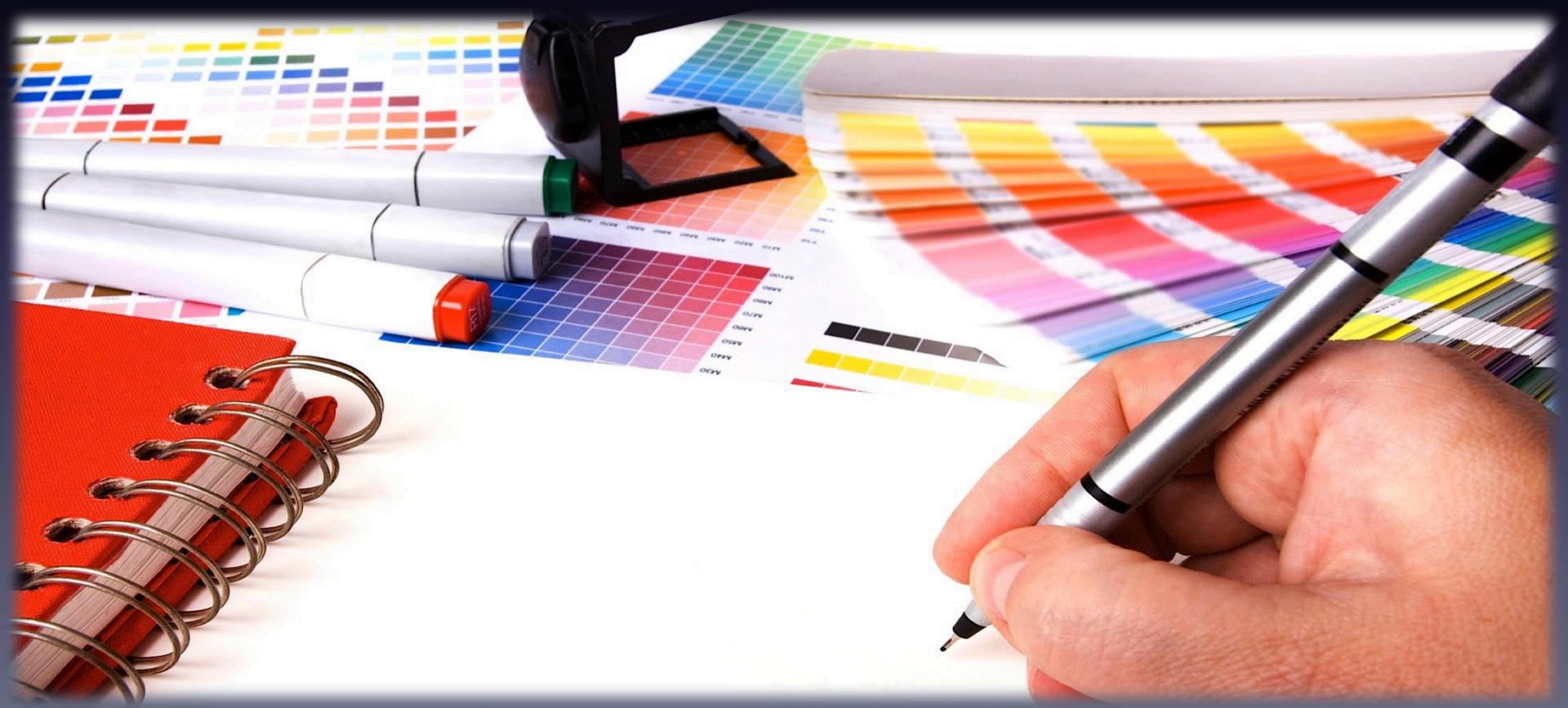
**Opportunities to improve the user experience:**

- Create your own team
- Get suggested team
- Meet on the go with apps
- Chat with team mates
- Upload files in the group page
- Notifications of upcoming events/deadlines
- Rate the team



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# What is going to look like?





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# Home Page

 UTA  
The University Team Allocator

[ABOUT US](#) [WHO USES UTA?](#) [FEATURES](#)

User Name

Password

REMEMBER ME [Forgot password?](#)

[LOGIN](#)

Background: Photo of Students studying together!

not a member? [SIGN UP HERE](#)

Finding the right team can be that easy.

Create Profile → Find Assignment → Form a team ✓

Meet on the go with our apps

Available on the App Store → Google play → Windows phone store → Outlook

SIGNUP >>  
LOGIN >>

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# Module Assignment Page

Module:

Assignment Name:  Add...

Students:   Add...

Requirements:

Team Size:

Separate 4<sup>th</sup> year and Masters:

Team Member Specifications:

IT/SD:

CS/CS+:

4<sup>th</sup> year:

Deadline for self-allocation:  /  /



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# Form a Group Page

The mockup shows a user interface for managing groups. At the top left, there's a section labeled "NO GROUP" containing a list of eight empty horizontal lines. To the right of this are two buttons: "CREATE GROUP" and "SUGGEST GROUP". Below this is a section labeled "GROUP GOPRO" containing a list of four names: Tsvetelina Nikolova, Nickolas Zoulis, Georgia Georgiou, and Timothées Constant Geys. At the bottom left is a section labeled "GROUP ITT" containing a list of three empty horizontal lines.

NO GROUP

CREATE GROUP   SUGGEST GROUP

GROUP GOPRO

- Tsvetelina Nikolova -
- Nickolas Zoulis -
- Georgia Georgiou -
- Timothées Constant Geys -

GROUP ITT

- 
- 
-

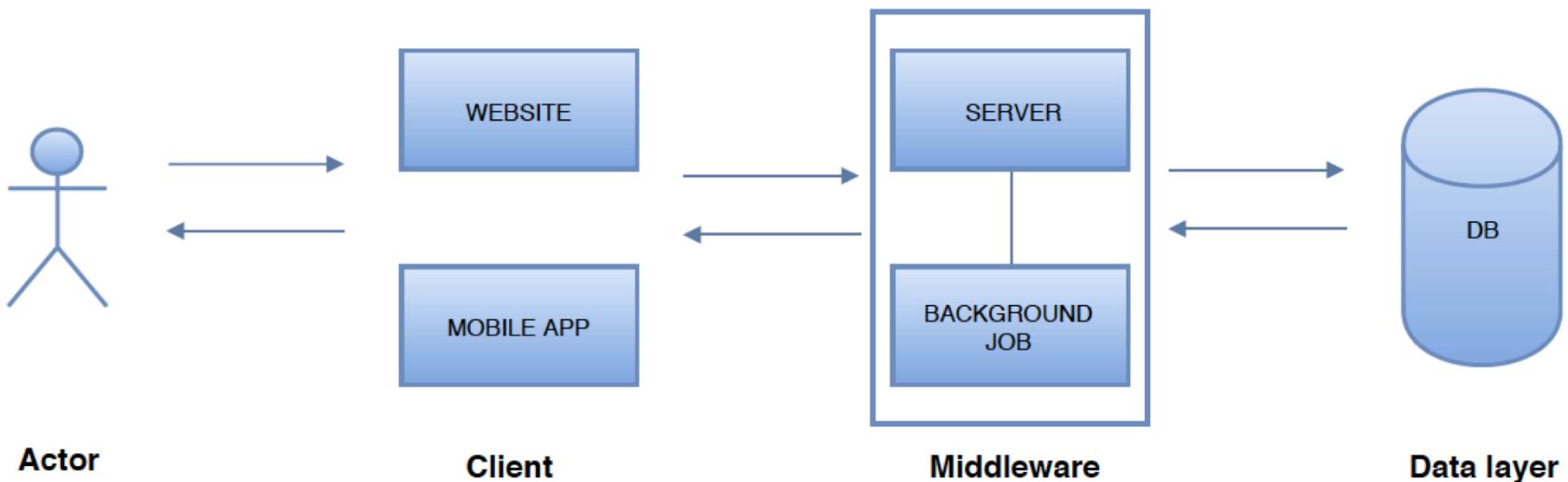


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# Main requirements of the application

- The user can register into the system and create a profile.
- A module assignment with specific requirements can be added to the system.
- A list of enrolled students for the course can be uploaded.
- A time period will be provided for the students to form their teams
- A team can be suggested to the user.
- The user can form a team manually.
- A notification is sent to the user when allocated in a team.
- The user can accept or decline the invitation.
- The administrator can allocate the rest of the students automatically.

# High-level system architecture

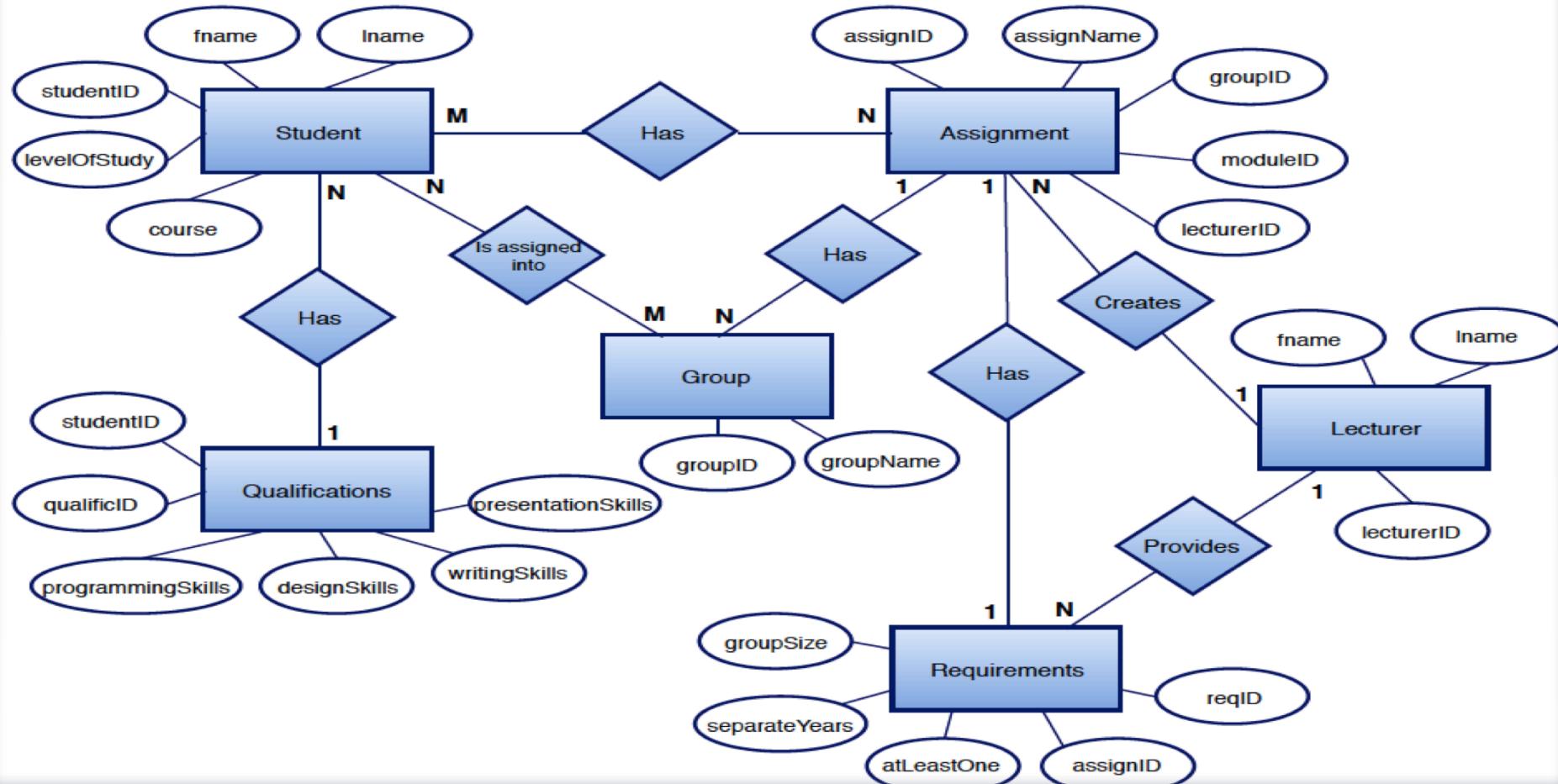




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# ER-Diagram





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# Thank you for your attention!

