# SEG2105 – Introduction to Software Engineering Android Project: Tutron App

Group 7,

Rikki Romana (300152011)

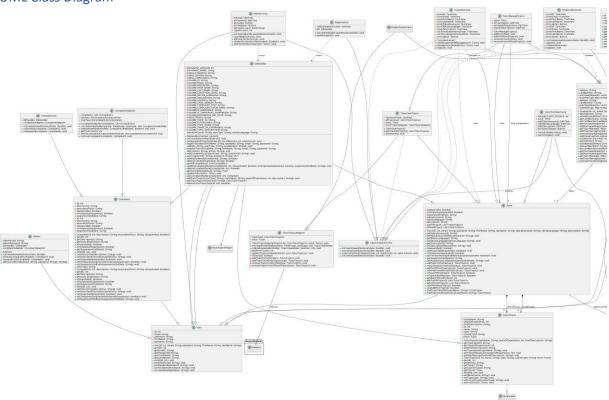
David

Haitam

### **Short Introduction**

In this report, we present the progress and challenges encountered during the development of our Android app project. The project, called the Tutron App, aimed to create a tutoring platform that connects tutors with students seeking educational assistance. Throughout the development process, our team faced several obstacles, including technical difficulties and personal commitments, which impacted on our ability to complete the project as planned. This report outlines the contributions of team members for each deliverable, provides an updated UML class diagram, presents screenshots of the app, and reflects on the lessons learned from the experience.

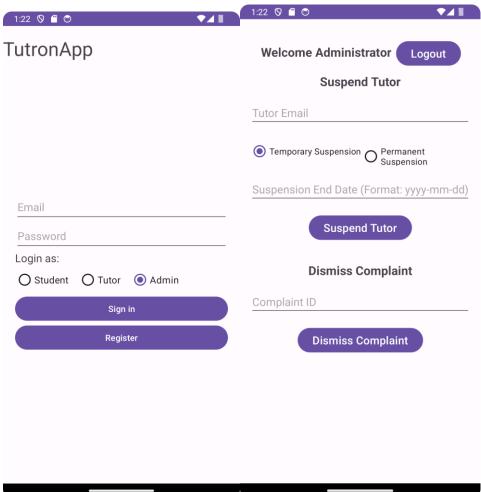
# **UML Class Diagram**

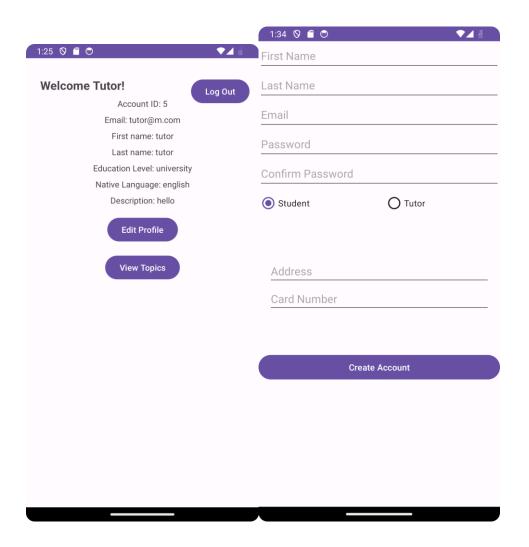


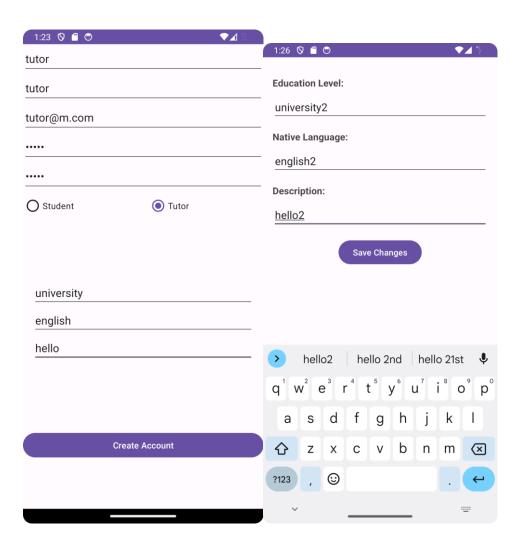
## **Contributions of Team Members**

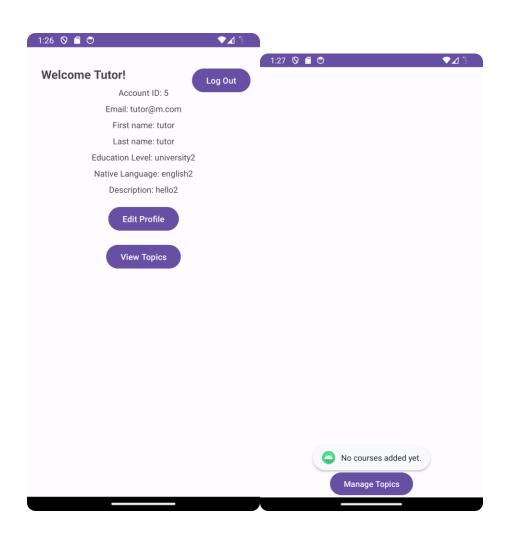
Team Member	Deliverable 1	Deliverable 2	Deliverable 3	Deliverable 4
Rikki	80%	10%	50%	80%
David	10%	80%	50%	20%
Haitam	10%	10%	-	-

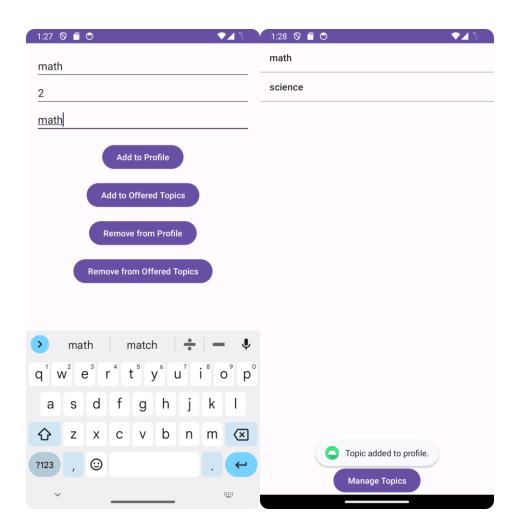
# Screenshots of the App

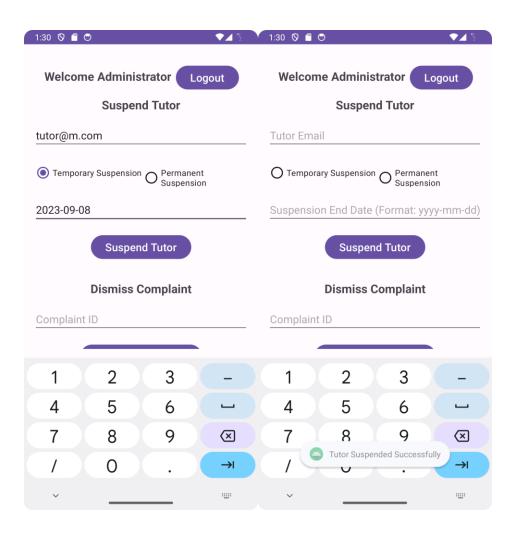


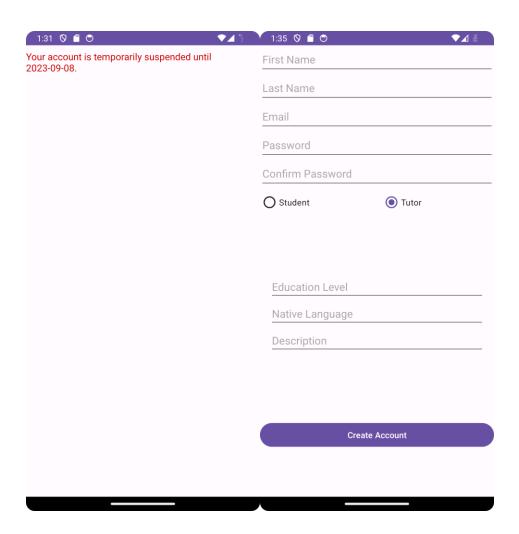


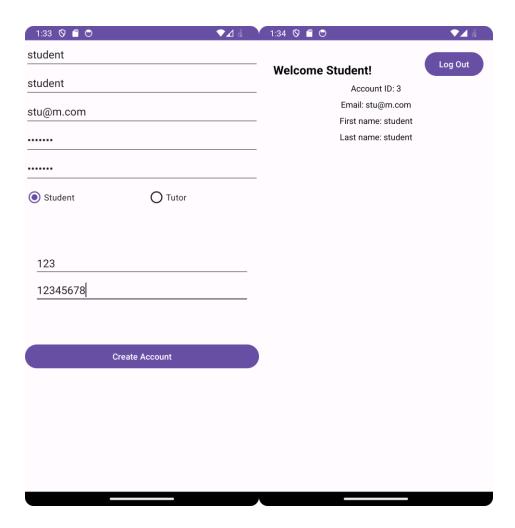












## **Lessons Learned**

During the development of TutronApp, our team encountered various challenges and gained valuable insights:

- Effective Communication is Key: Our project faced communication challenges due to personal
  commitments and unforeseen circumstances. It highlighted the importance of open and regular
  communication among team members to share progress, discuss issues, and adapt to changing
  situations.
- Adaptability in Team Dynamics: The project emphasized the need for adaptability in team dynamics. Balancing work, personal commitments, and emergencies requires flexibility and understanding among team members.
- 3. **Balancing Full-Time Jobs and Project Work:** Balancing full-time jobs with the project posed time constraints and required careful time management. Planning and setting realistic milestones would have helped us manage our time effectively.
- 4. **Dealing with Family Emergencies:** Rikki faced family emergencies, including the passing of a grandmother. During such times, empathy and support from team members were essential, and we adapted our schedules to accommodate the situation.

- 5. **Contingency Planning:** In future projects, we will develop comprehensive contingency plans to address potential issues, such as technical difficulties or unavailability of team members.
- 6. **Collaborative Version Control:** Utilizing Git for version control allowed us to work collaboratively, manage code changes, and resolve conflicts efficiently.
- 7. **Adaptability in Software Development:** Adapting to unforeseen challenges is a vital skill in software development. We learned to be flexible and devise alternative solutions when faced with technical or team-related issues.
- 8. **Importance of Team Dynamics:** Effective teamwork is not just about individual contributions; it involves understanding each other's strengths, supporting one another, and fostering a positive team environment.
- 9. **Learning from Feedback:** Regular feedback sessions within the team helped us identify areas for improvement and fostered a culture of continuous learning.
- 10. **Real-World Constraints:** Developing a project with real-world constraints, such as limited resources and time, provided valuable experience in balancing functionality and scope.

In conclusion, while we encountered obstacles that prevented us from fully completing the project, the experience provided valuable insights and learning opportunities for the entire team. We acknowledge the efforts invested by each team member and the impact of personal commitments on project progress. Moving forward, we will apply the lessons learned from this project to improve our future collaboration and project management.

We extend our appreciation to our team members for their dedication and perseverance. Despite the outcome, we value the experience gained from this project and remain motivated to continue our journey as aspiring developers.