

Software Development IV

Project Description

1. Introduction

Students must work in groups (max. 4 students in a group) to develop a 2D mobile game that can be converted into multiple platform native apps using Construct 2.

Students must please take note that they will have to continue with the development of their systems until the end of the semester and should be prepared to present their project when scheduled. Groups must remember to incorporate this into their planning and must plan accordingly.

2. Scope and topic of the project

Students must create a mobile game according to the principles thought in class for different genres of game. The game should meet all the requirements as taught in the subject and should incorporate the essential learning outcomes.

Groups will be expected to do extensive research on the perfect game asset (graphics, images, sounds etc.) that would demonstrate effective game design and concept. Remember your game is as good as your game asset. Groups must ensure that they build in motivational aspects in their game that will motivate the users to keep playing their game from one level to another.

Each group will have to create a creative idea for their game. Groups must also remember that they must give ample consideration to the graphical characters in their game. The characters should be colourful and attractive for the end-users.

3. Project proposal

Each group should have a maximum of four students including the group leader. Each group must submit a **one-page proposal** outlining the concept of the game, number of game levels and the list of the group members. However, the project proposal can be modified as we progress. The group leader would be responsible for the group and would be provided with the **LICENSE** for the **FULL VERSION** of Construct 2 for his/her group game development.

4. Project submission and presentation

Each group will present their project when scheduled towards the end of the semester and also submit the project in digital format.

NOTE: The deadline for group formation and submission of proposal is **Friday 20th of April, 2018**. The proposal and group list should be submitted via the submission link on eThuto. If there are students without a group by the deadline date, a group will be created for them automatically. Wishing you all the best.