

# Advanced Programming

## Season 2024-I

### Course Project Definition

Eng. Carlos Andrés Sierra, M.Sc.  
Computer Engineering  
Universidad Distrital Francisco José de Caldas

As you will become a computer engineer, it is important you learn a lot of concepts and techniques, but at the same time you apply them to solve real problems. Your project should be full functional and replicable for anyone, so take in mind to have good code practices, provide full explanations about technical decisions, and think in the important balance between code and documentation.

For the purposes of the current course, you will be asked to develop a monolith system, layers of frontend, backend, and data storage, that will be used to manage some processes of a small company. You had been asked about what kind of company you would like to work with, and you have chosen a business model based on some well known company and apps.

Some documents will be provided to you, and you will have to read them carefully in order to understand the monolith system. At the end of the course you will have to deliver a *public GitHub repository* with: the **README guide**, **conceptual designs**, **code**, **APIs calling** to populate data, **paper**, **poster**, **final technical report**, anything that is needed to understand the monolith system you're gonna develop.

Teams and projects are defined as follows:

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Carlos Andrés Sierra, Computer Engineer, M.Sc. on Computer Engineering, Titular Professor at Universidad Distrital Francisco José de Caldas.

Any comment or concern related to this document could be send to Carlos A. Sierra at e-mail: *cavir-guezs@udistrital.edu.co*

Business Model	Member 1	Member 2
Films Social Platform	María del Pilar Pradilla	Alejandro Nuñez
Virtual Event Platform	Daniel Santiago Pérez	Sergio Nicolás Mendivelso
Workflow Automation	Alejandro Mauricio Junco	Juan Felipe Guevara
Photos Social Network	Fabián Yesith Aguilar	Andrés Cerdas Padilla
Wwather Forecasting Platform	Cristian Andres Gamez	Andrey Camilo González
Music Streaming Platform	Juan David Parra Caballero	Tito Alejandro Burbano
Chat Platform	David Santiago Lugo Piñeros	Edilson Santiago Sepúlveda
Work Profiles Platform	David Santiago García	Juan Diego Hernández Sierra
Online Notes Platform	Juan David Zárate Moya	Ángel Andrés Díaz Vergara
Online Store Platform	Cristian Santiago López	Carlos Alberto Barriga
Dating Platform	Nicolás Avendaño Barajas	Juan Sebastián Vega Díaz