

# Computer Networks

## Season 2024-I

### Workshop No. 1-Networks Architecture Design

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Welcome to your first workshop on computer networks (at least in this course). Here I want you to imagine yourself working as a networks architecture, but one of the best ones. You have been learning a lot about networks, and *Meta* gives an eye on you. So, they asked you to complete a technical test to work as networks engineer at any of its projects.

The test is pretty simple: you must to analyze and define some features, constraints, and concerns, in the context of computer networks (infrastructure and connectivity) of very known product called **Instagram**. You must deal with requirements related to posts, chats, comments, like/dislike options, live transmissions, online store, and any additional functionality you know about the platform.

*Meta* asked you to deliver a document with some specifications described as follows:

1. Write the user stories you think could support your design.
2. Describe desired infrastructure to support operations now and in the future.
3. Write any technical decision/consideration you made in the design process.
4. Write any potential risk or vulnerability you think could emerge.
5. Write any concern or challenge you have completed the test.

Next link is a mandatory lecture/reference to complete this workshop: Mastering Network Architecture

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