



OST

Eastern Switzerland
University of Applied Sciences

Distributed Systems Advanced & Blockchain

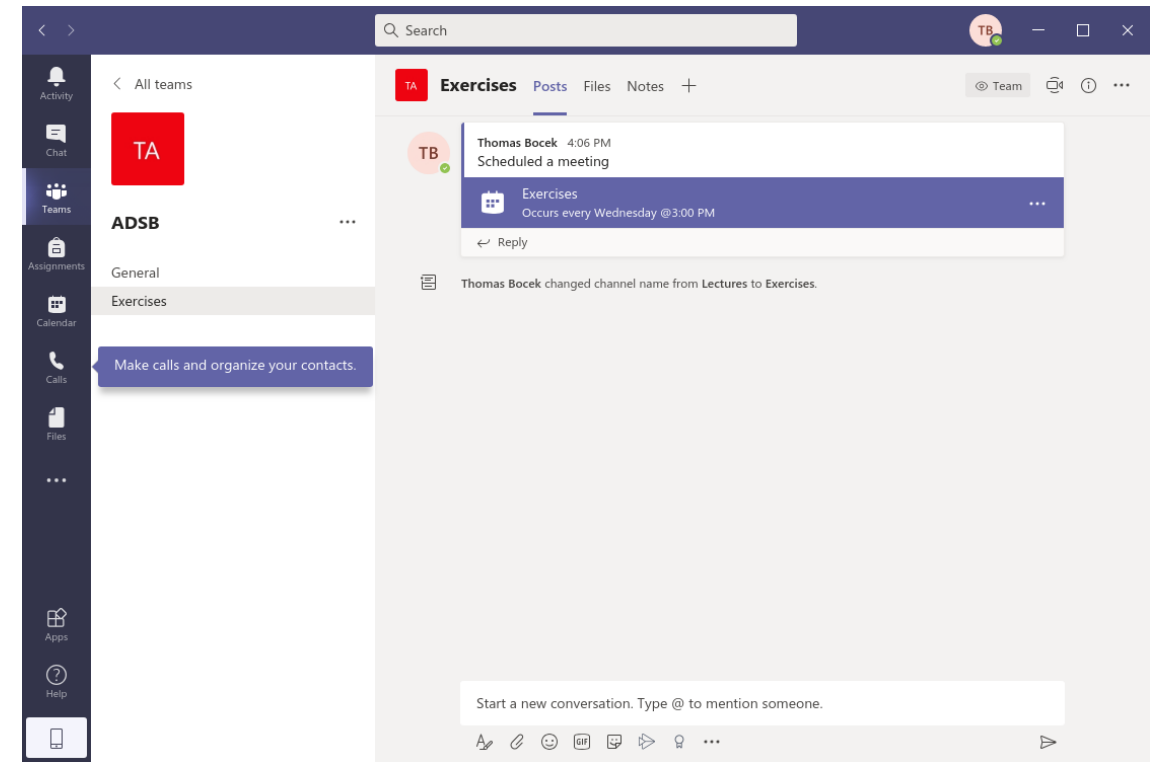
Administration

Thomas Bocek

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Exercises

- 23.09.2020 From 15:10 to 18:40
- Join ADSB in [Microsoft Teams](#): iz0y31j
- Please send me the group members until 23.09.2020 15:00
 - Status from 25 students, 9 in a group
- For those who do not have a group, please join the Exercises via Teams
 - Group forming during exercises



ADSB Administration / Challenge Task II HS20

- Design and implementation of a decentralized financial product
 - E.g., Transferable IOU, asset tokenization, insurance, crypto currency exchange, utility token, donation platform, shares on the blockchain
 - It needs to run on a public blockchain
- Financial application → “money flow”
 - You get money/token/coin send it somewhere
 - Shop that receives money/token/coin is not enough, it needs to send it somewhere, e.g. SushiSwap
- Requirements
 1. Public blockchain based
 2. Full decentralization and P2P mechanisms for the financial product (e.g., WebRTC, TomP2P, libp2p) **or** Scalable mechanisms ready to be deployed on the cloud (as in VSS). If you go for full decentralization you have scalable mechanisms anyway
 3. Graphical (GUI/Web-based) frontend (can be simple)
 - The solution may use existing libraries and code, but those must be allowed to be published under an open software license.
 - The final presentation shall outline the application and architecture.
- Requirements not met → **cannot write exam**