DAT655 Blockchain technology and Applications

Intro

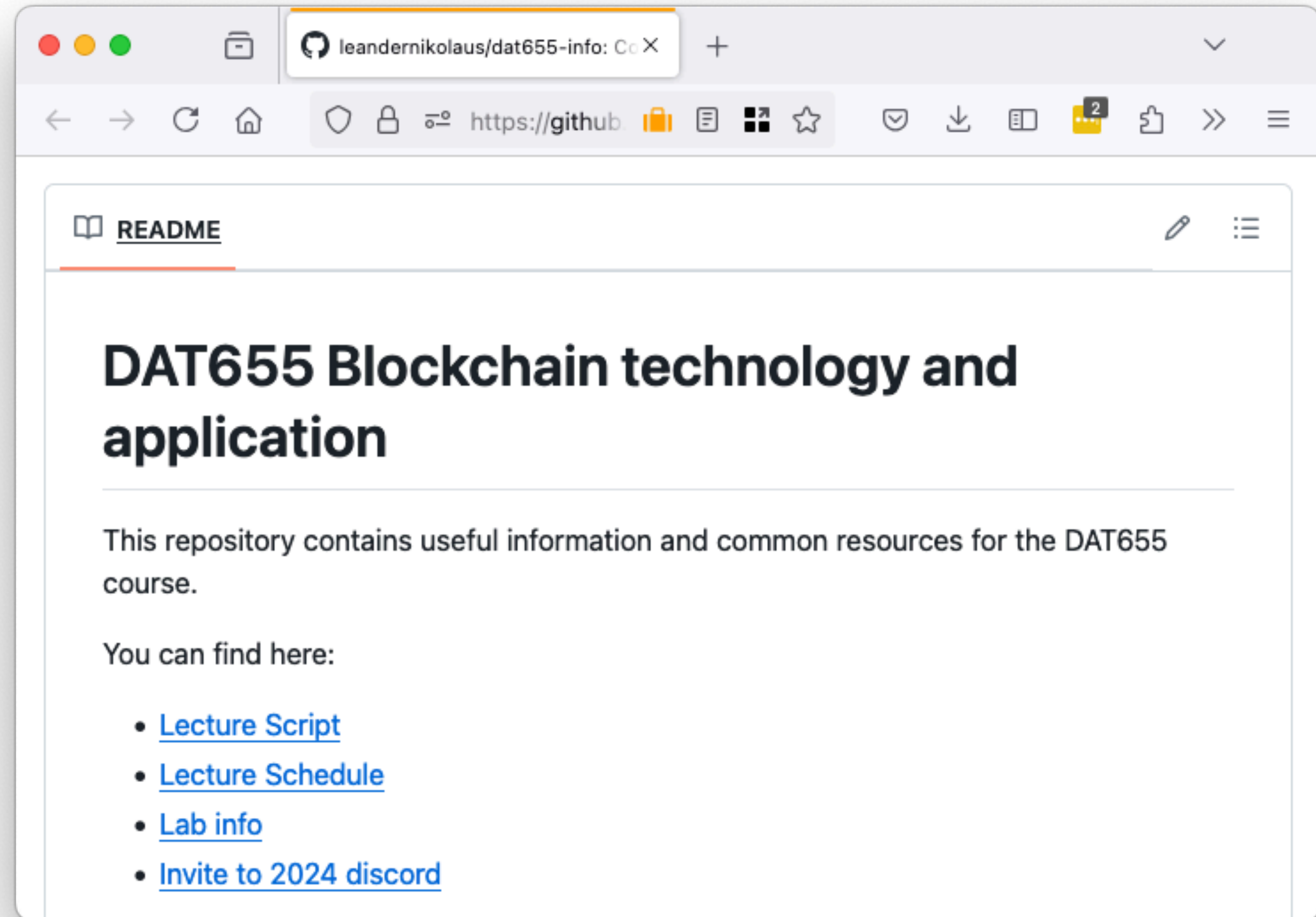Leander Jehl

About me

Leander
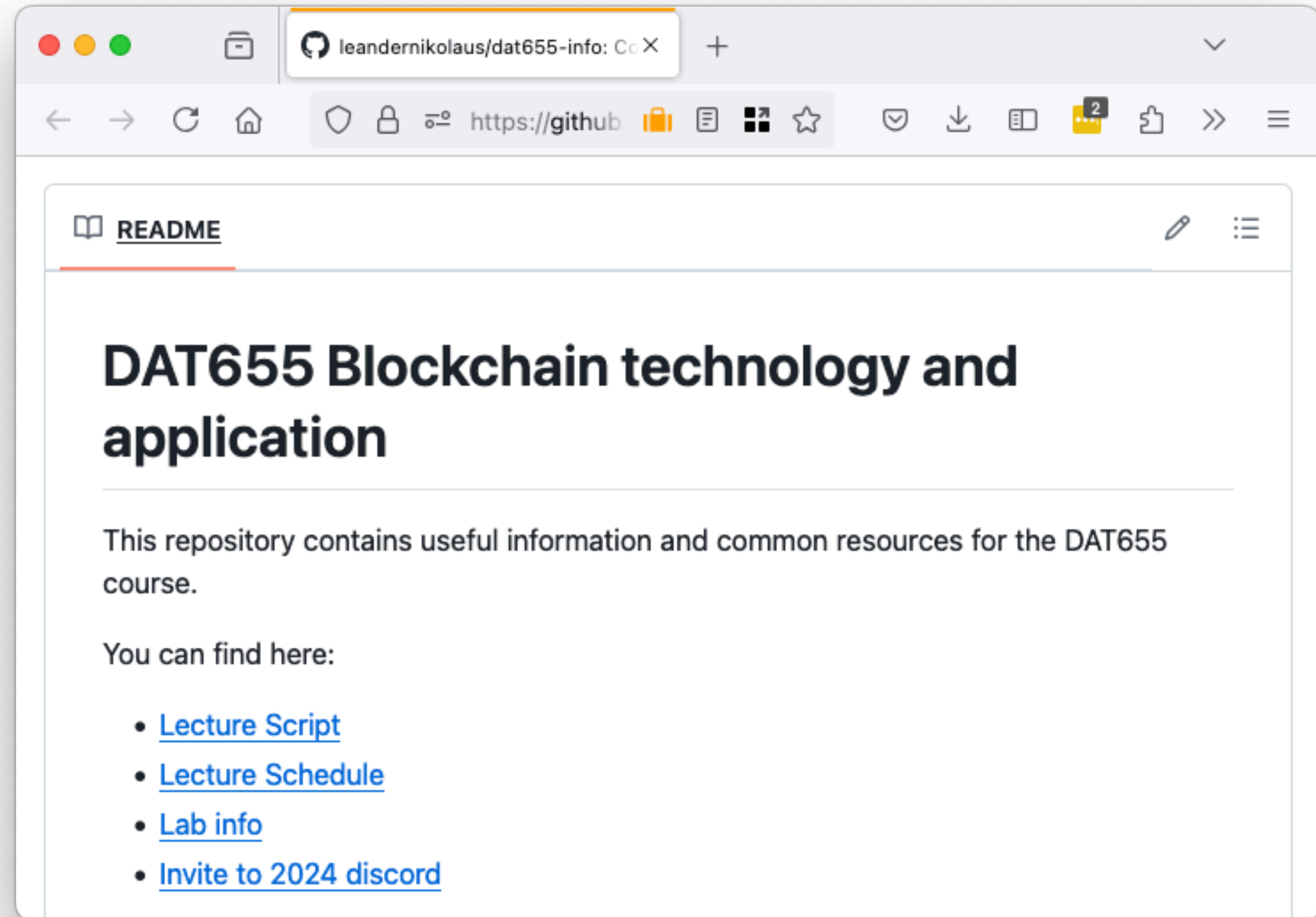
Course info
https://github.com/leandernikolaus/dat655-info/

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- Lectures

- Reading material

- Lecture script
  (will be updated)

- Slides
  (will be updated)

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- Lectures

  - Mainly theory

- Labs

  - Coding and discussion

Weekly timetable

Day	Time		Room
Monday	12:15 – 14:00	Lecture	KE E-166
Wednesday	10:15 – 12:00	Lab/Discussion	KE A-205

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- Timetable

  - Topic for Monday lecture

  - Wednesday lab activity:

    - Coding
      Live and execise

    - Discussion

Week	Lecture	Topic	Lab/Discussion
34	Leander	Intro and basic	Lab (Notebook)
35	Leander	Proof of Work	Lab (Notebook)
36	Leander	Accounts and UTXO	Lab (Notebook)
37	Leander	TBA	Lab (Notebook)
38	Leander	Applications	Discussion (Applications)
39	Leander	To PoS and Committees	Lab (Notebook)
40	Leander	Ethereum	Discussion (Decentralization)
41	Leander	SmartContracts (security)	Solidity
42	Leander	TBA	Solidity and tokens
43	Leander	Layer 2	Discussion (Layer 2 applications)
44	Leander	Privacy in Blockchain	Discussion (Privacy pro and con)
45	Leander	DePIN & DID	Discussion (Token applications)
46	Leander	Presentations	Presentations

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- Lab

  - Together or alone

    - Attend lab or deliver your own solution

    - Attending counts as passing the assignment

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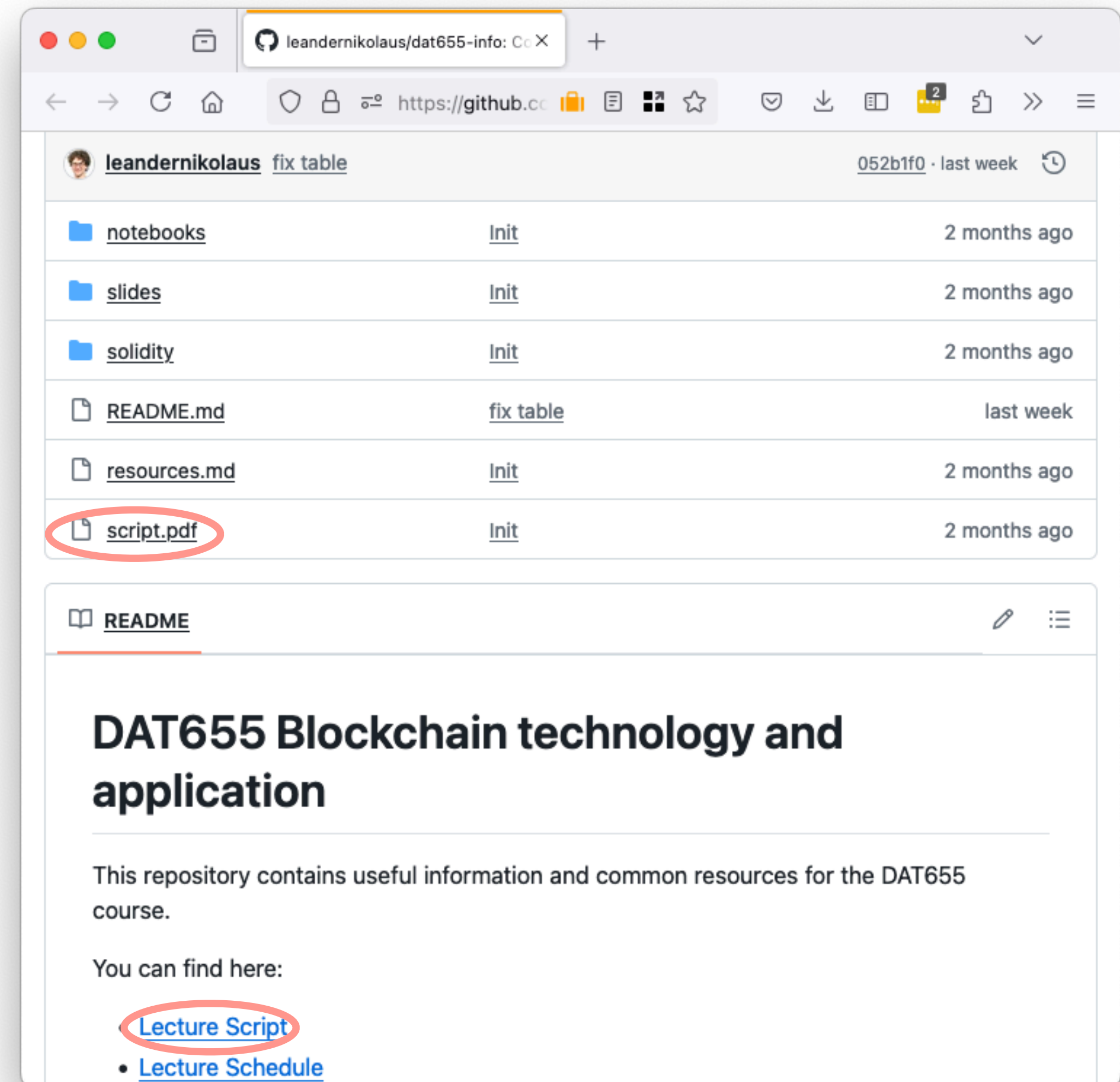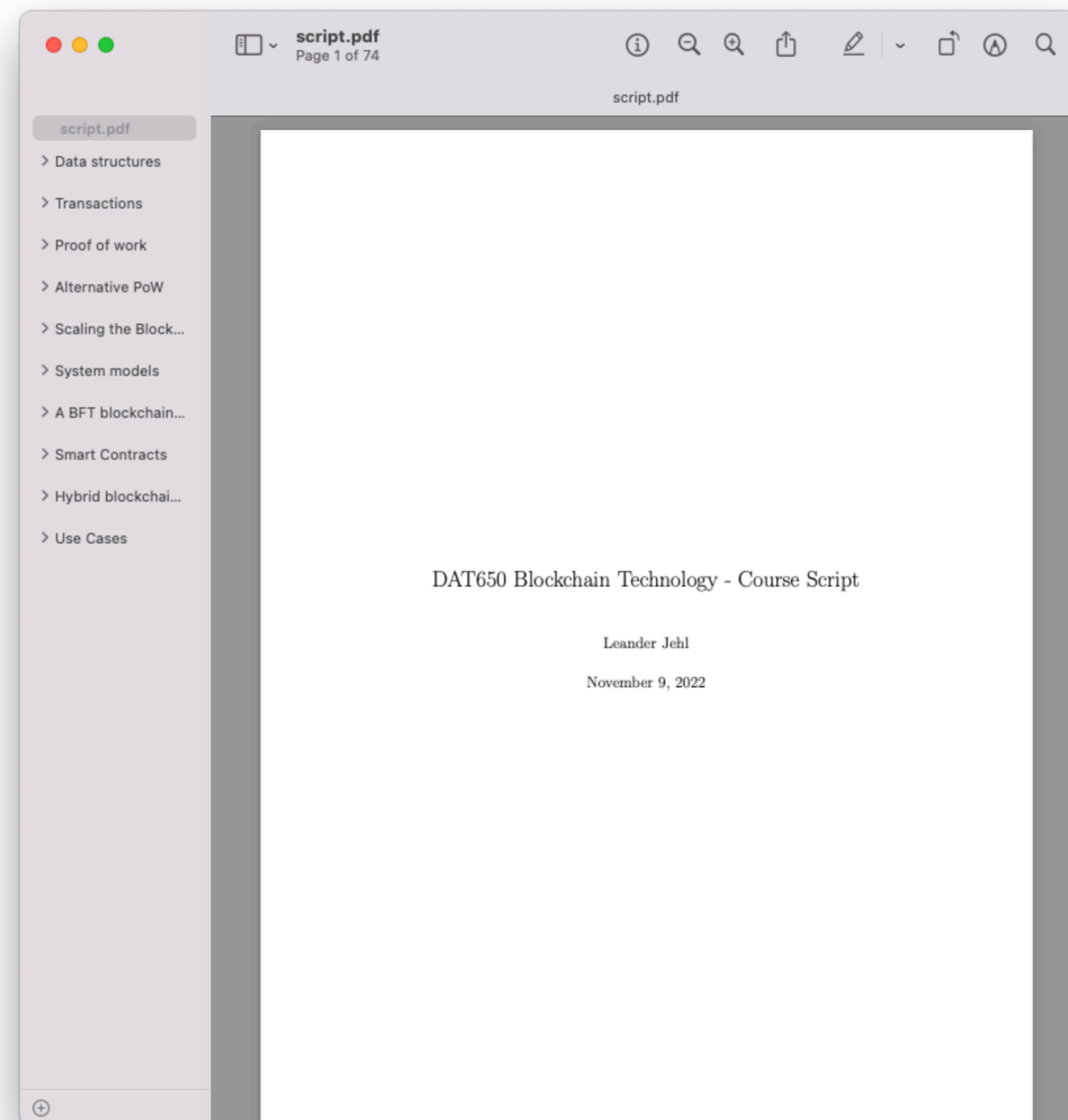**https://github.com/leandernikolaus/dat655-info/**

- Discussions

  - Attend or presend

    - Participate in discussions

  or

    - Present a use case based on a review paper

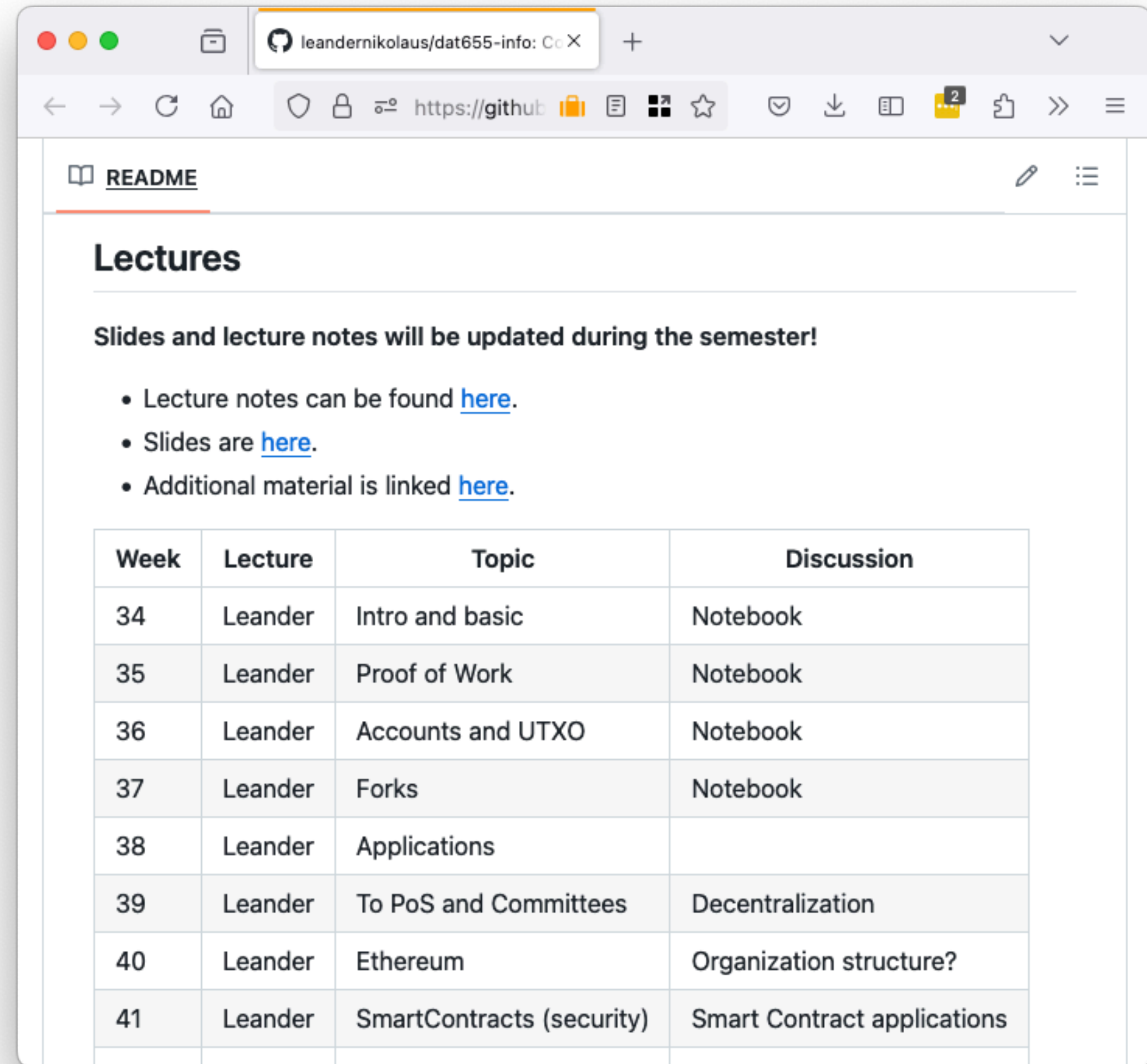| Week	Lecture	Topic	Lab/Discussion
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- Lecture script

Grading

- Labs approved

- Participation or Presentation

- Oral exam covering

  - Lectures

  - Labs

  - Discussions