Advanced Topics in Internet Programming 2021-2022

Assignment 1

Passing Props

Guidelines:

1- You can submit this assignment as an individual or as pairs (teams of two).
2- No hard copies are accepted.
3- Assignment should include your full name, student ID, and section
4- Cutoff date for this homework is 03/12/2021 @ 11:59 PM
5- Any late assignment will not be accepted.
6- Academic Fraud: Cases of plagiarism will be deal with according to university regulations. A tool will be used to detect similarities between submissions. The tool will be run on all submissions, across all sections. Submissions that are flagged by the system will receive a mark of zero.
7- Warning: It's your responsibility to ensure that the submission is indeed received by the elearning gateway. If the submission is not there by the deadline, it will obviously not be marked

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Purpose: The purpose of this assignment is to build components and pass data into the components using props. Components let you split the UI into independent, reusable pieces, and think about each piece in isolation.

For this assignment, create all the components in one page. Place the CSS if needed in the same document in the head section of the page. Submit a single

Create a react page that loads PSUT students and their details onto the page. The page should look as shown.
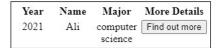
Query PSUT students

At PSUT we have the best students

Our Students

show only new students ☑

Select Type [All ▾]

First Year

Year	Name	Major	More Details
2021	Ali	computer science	Find out more

Year	Name	Major	More Details
2021	Mohamad	data science	Find out more

Year	Name	Major	More Details
2021	Ahmad	BIT	Find out more

Second Year

Year	Name	Major	More Details
2020	Yousef	computer science	Find out more

Year	Name	Major	More Details
2020	Ali	computer science	Find out more

Third Year

Year	Name	Major	More Details
2019	Ali	BIT	Find out more

Year	Name	Major	More Details
2019	Amal	e-marketing	Find out more

Year	Name	Major	More Details
2019	Lara	computer science	Find out more

Year	Name	Major	More Details
2021	Ali	computer science	Find out more

Annotated screenshot with component labels:

- <MainComponent>
- <HeaderComponent>
- <OurStudentsComponent>
- <SelectComponent>
- <AllStudentsComponent>
- <StdTableComponent>
- <FindComponent>

As you can see in the screenshot above, you have 7 components.

All the data content highlighted in purple is being passed into the components via props.