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Meeting notes from 1-18, Each section has feedback from the professors. todos before next class

1 overview

1.1 Christof

he wants us to be more specific in the overview, give an example or two.

1.2 John

if youre going to include may should or must. it should be very specific. the overview is not specific

add all relevent documents from d2l to our github.

2 requirements

2.1 christof

it does not meet the requirements he asked for. study the PNAS. the requirements should be from the proposal.

2.2 john

if you were getting paid, youd want to lay out exactly what the requirements should be. we should be more specific.

we need to send specific email for documents. this job is for Jinghan

3 specifications

3.1 christoff

looks good

3.2 john

4 resources

4.1 christoff

4.2 john

dont use the word computer cluster. it should be able to run on one computer. google co-lab. COEUS portland state cluster. but again dont use a cluster.

5 concept of operations

5.1 Christof

there are two parts, understand and analyse whats going on in the class. the second part is recommending what the teacher should do.

The second part is way off. cut out all the stuff about parents watching

5.2 John

include some ideas about how you would implement AI or machine learning. What does this thing do? "will use AI and machine learning to extract classroom analytics, for the purpose of evaluating teaching efficacy"

Make use of the project report from christoff

Josh said that it is from the perspective of the user.

6 product design

6.1 christoff

proposal needs a block diagram architecture. what are the algorithms we are specifically going to use. what do you really mean by AI modeling it needs

to be really specific. we need to be specific about algorithms.

6.2 john

it will be better once we see requirements. number of students present wasn't asked for.

say uses a neural network specifically. because there are ways of analyzing data that don't use neural networks.

provide specific tools.

7 stakeholders

7.1 Christof

it is not for students its only for teachers

7.2 John

not for researchers. the people who are being evaluated are teachers not researchers. at least clarify them

8 deliverables

8.1 christoff

MIT license

8.2 john

clarify that the github contains all the code

9 verification

9.1 christof

add the rubric

9.2 john

seems reasonable

10 Project Management

10.1 christof

much more fine grain. start with the algorithms with the block diagram. get a sense of what is available off the shelf and what is not. to create a time table sheet. more realistic.

—

Josh.

we are gonna decided 5 algorithms are gonna work. research for each algorithm.

—

think in terms of design cycles.

3 or 4 design cycles. multiple different algorithms. decision points.

10.2 john

work backwards. more time for writing code.

11 todo

11.1 Naiqi

modify the proposal. make it more specific

block diagram

11.2 Jingham

fix concept of operations

incorporate industry standard rubric for verification of audio neural networks. Raja initial results.

email john and christof about the google doc

11.3 Josh

fix overview

fix requirements

3 audio models

Initial project design

11.4 Leo

Initial project design

project development end of 4/13

just timeline it

three audio models

three video models

Decision matrix

3 video models