1. Introduction
2. Main Feature(30-40% grade)

a. The whole class

I. Visualization

1. Grade
2. Attendance rate
3. Online presence
   * 1. Learning progression data (visual) -> average progress
     2. Forum (average post total post per student, feedback, quality of discussion)

Ii. Predict and Suggest

1. Compare to last year and other course (visually ) and give advise
2. Predict the ultimate performance and cause(course problem or not and how to improve)

b. Individual Student (subjectively selected or risk student alert)

I. Visualization

1. Assessment (curriculum grade, normalized by the average grade, show the position of the student)
2. Attendance
3. Online presence
   1. Social network
   2. Learning progression data
   3. Forum activity

Ii. Predict and Suggest

1. Compare to last year similar style student -> predict final grade
2. Match behavioral data and give learning style suggestion
3. Design Detail(most important part, 70% grade)
   1. Wei shen me pin lv shi gou de

I. why http?

II. Why django

III. Sequence diagram

iiI. All design issues should be discussed.(including message pass like design model?)

1. Discussion