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FUNCTIONAL REQUIREMENTS
COS 301 GROUP 2 B

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https://github.com/ByronDinkelmann/COS-301-Group-2-b.git

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part1
Functional requirements and application design

Use case prioritiztion

Critical: It is critical to have access to the database of students and their marks in order to rank the students. Without this information the system may be rendered useless in the sense that users are all on the same level no matter what results they produce.

Important: To have information is Critical , but to have well organised information is important. If the information is unstructured and we cannot relatively qualify students in terms of their marks relative to others' in the same group. This may cause the system to misinterpret the student having time to use the discussion board for the one who achieves great marks. Also for higher level users to get privalages is important these privalages may include color typing,code typing , use of emoticons, etc.

Nice-To-have: In the ideal system users should be able to communicate with an effective means, i.e code should not look like text, users can be seen as privalged from the type of pretty text they use without having to go and look at their level, privaleged users comments can easily be seen and therefore easily trusted. Users who give out misinformation should be ranked down.

Use Case Services/Contracts

pre-conditions

All users are students and therefore have a mark list

All users want to contribute and want to be helped

Users want to level up to use privalged mechanisms

post-conditions

Users are comfortable with the system.

Some users have leveled up.

request and results data structures

CLASS DIAGRAM GOES HERE

Required fuctionality

USE CASE DIAGRAM GOES HERE

Domain Model

UML CIASS DIAGRAM GOES HERE