CSC 510 – Group 10

The Allstar Piazza Reward Bot

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Tagline: Your All-Star Game

Problems

- Piazza is a popular learning management platform which promote interactive learning
- However, …

Pain Points

Free version – (Up to 25 Students)
1. **Students do not have access to their own statistics**
2. **Negligible rewarding and low participation encouragement**
3. **Instructor cannot access class statistics to evaluate individual's participation** ⭐

License Version – (More than 25 Students)
1. **Students do not have access to their own statistics**
2. **Negligible rewarding and low participation encouragement**

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Primary Use Cases

A. Instructor
UC#1: Customize daily performance summary sent in the group-sharing Discord channel
UC#2: Customize ranking hierarchy to students based on overall performance
UC#4: Fetch performance summary CSV file as academic record

B. Student
UC#3: Subscribe/unsubscribe to receive incentive message

Use Case 1

Daily Participation Summary

- Participation score matric
Questions: 1 - 10
Answers/Followups: 1 - 10
Views: 1 - 10
Endorsements: 1 - 10

For example:

Student	Question (3)	Ans/Followups (5)	Views (1)	Endorsements (2)	Daily Point
Bart	2	1	8	3	25

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Use Case 3

Use Case 2

Use Case 4