Web Development Team 3
Collaborative Math Game

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Math Collab

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Rules of Collaboration
Rule Set #1

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How Knowledge and Collaboration gets you to the next Level

<u>**Earn Points through:**</u>

- Knowledge
- Collaboration

Scoreboard
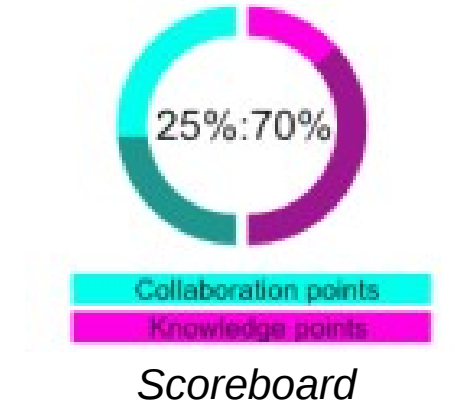
Levels	Collaboration Points	Knowledge Points
Beginner	25%	75%
Intermediate	50%	50%
Pro	65%	35%

Rules of Collaboration
Rule Set #2

How and when an artificial Intelligence needs to help students collaborate

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Two basic Problems with Collaboration between most students:

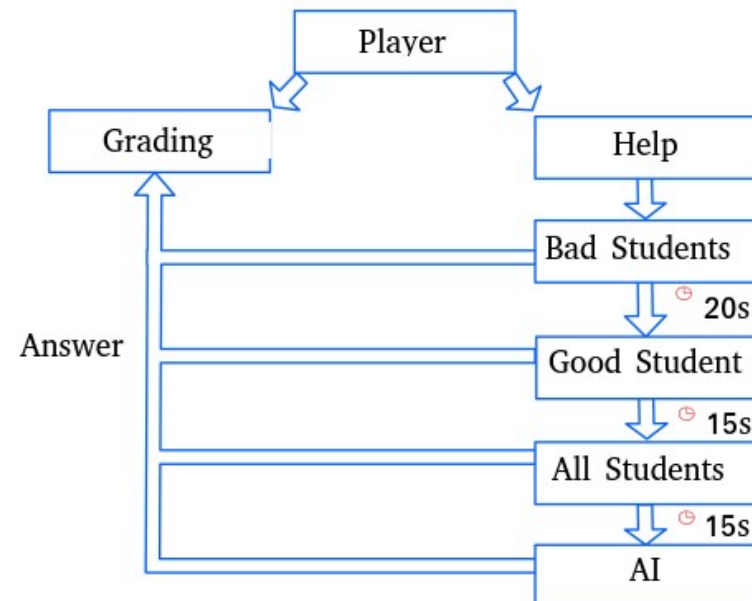| Problem	Possible Solution
1. Nobody can or want's to answer your questions or help you with your problems	AI scans question for keywords to find the topic and generate answers or at least useful advice or wikis
2. Others are faster than you, you don't have the chance to help anybody	AI produces fake problems, visible only for students in need for collaboration points

Rules of Collaboration
Rule Set #3

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With the first two rules in mind, how a fair distribution of collaborative points is guaranteed

Problem: Faster students always grab the collaboration points before anybody else can, only artificial questioning is not the key to a collaborative environment!

Bad Students	<60% Knowledge
Good Students	Average
Overambitious	Detected answering too much!

Wireframe
(based on HumHub)

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Grade the Answers on your questions

AI Functionality

Scoreboard