**Collaborative Learning**

**Forum**

* *Collaborative learning enhanced through forum*
* *Improved interactivity*
* *Features of the forum*
* *Fun in discussions through polls and quizzes*

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| S.No | Features | *Existing/ New* |
| 1 | **Search**   1. Tags 2. Keywords 3. User | *New*  *Existing*  *New* |
| 2 | **Posts**   1. Comments 2. Timestamps 3. Type (*Post/Poll/Quiz*) 4. Tags 5. Reputation 6. Target 7. Show related questions during new post 8. Mark as answer 9. Order questions by reputation/answer | *Existing*  *Existing*  *New*  *New*  *New*  *New*  *New*  *New*  *New* |
| 3 | **Filter**   1. Type (Post/Poll/Quiz) 2. Tag 3. Trending 4. Recent | *New*  *New*  *New*  *Existing* |
| 4 | **Push Notifications**   1. **Tag**  * New post * Posts the user commented on * Posts of the user  1. **User**  * Specific user * Professor’s posts/replies * TA’s posts/replies | *Existing*  *New*  *New*  *New*  *New*  *New* |
| 5 | **User Profile**   1. Reputation 2. Number of posts 3. Number of comments 4. Number of correct answers | *New*  *New*  *New*  *New* |

**Extra Features**

1. **Adding image** *(Motivation: Adding images of diagrams, tutorial notes)*
   1. From camera
   2. Gallery
2. **Voice Recording**
3. **Source code detection in posts** *(Motivation: Improve readability of posts)*
   1. Syntax highlighting
   2. Indentation
4. **Categorize Posts as**
   1. Quizzes
   2. Polls