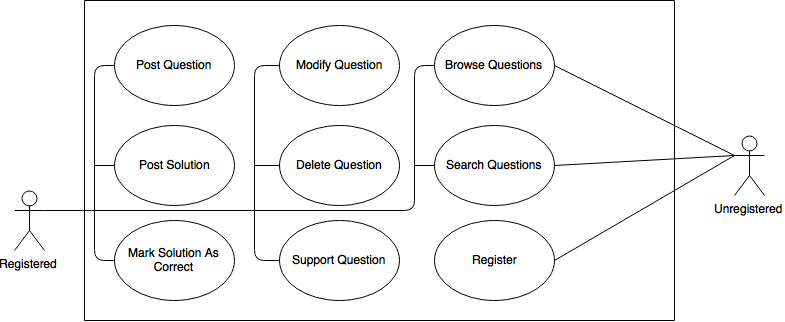
Use Case Diagram



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| Name: Delete Question |
| Actors: Registered |
| Trigger: Registered User decides to delete a question they have previously posted |
| Preconditions: The user is registered and has a posted question |
| Post conditions: The user has either just as many posted questions as before, or one less |
| Success Scenario:   1. The user selects to delete one of their questions 2. The system asks for confirmation 3. The user confirms the action 4. The system deletes the questions and all solutions from its list |
| Alternative Flows:   * 1. The user does not confirm, in which case the use case ends |

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| Name: Modify Question |
| Actors: Registered |
| Trigger: Registered User decides to modify one of their questions |
| Preconditions: The user is registered and has a question posted |
| Post conditions: The user has the same number of questions as before the use case |
| Success Scenario:   1. The user selects to modify their question 2. The system displays the question with the previously entered info already entered 3. The user modifies any of the info they would like, or can add more info 4. The user selects to save the question 5. The system updates the question in its list |
| Alternative Flows:   * 1. The user does not provide the required components, such as a title, in which case go back to use case step 2. |

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| Name: Mark Solution as Correct |
| Actors: Registered |
| Trigger: Registered User decides to mark a solution as the correct solution |
| Preconditions: The user is registered and the question they are looking at has at least one posted solution |
| Post conditions: The question still exists, either unanswered, or answered |
| Success Scenario:   1. The user selects an answer to mark as correct to their question 2. The system marks the solution as correct 3. The system closes the question to more solutions |
| Alternative Flows: None |

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| Name: Solution Question |
| Actors: Registered |
| Trigger: Registered User decides to post a solution |
| Preconditions: The user is registered and is looking at an unanswered question |
| Post conditions: The question has either just as many posted solutions as before, or has one more |
| Success Scenario:   1. The user selects to post a solution 2. The system asks for the details, and any files the user would like to include 3. The user provides the necessary information 4. The user selects to post the solution 5. The system adds the solution to that questions list of solutions |
| Alternative Flows:   * 1. The user does not provide the required components, such as any details, in which case go back to use case step 2. |

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| Name: Post Question |
| Actors: Registered |
| Trigger: Registered User decides to post a question |
| Preconditions: The user is registered |
| Post conditions: The registered user has a possibly empty list of questions with at least as many questions as before the use case |
| Success Scenario:   1. The user selects to post a question 2. The system asks for the title, question, details, and any files the user wants to include 3. The user provides the necessary information 4. The user selects to post the question 5. The system adds the question to its list of questions |
| Alternative Flows:   * 1. The user does not provide the required components, such as a title, in which case go back to use case step 2. |