**Use Case Scenario**

| **1. Use Case Title** | **Add Problem to Contest** |
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| **2. Abbreviated Title** | **AddProblem** |
| **3. Use Case ID** | **UC03** |
| **4. Actors** | **Administrator** |
| **5. Description:**  **This use case allows an administrator to add new problems to the contest database. The admin provides all necessary details about the problem, which can then be used in contests.** | |
| **5.1. Pre-Conditions:**   * **The administrator must be logged in with the appropriate privileges.** * **The system must allow for problem additions.** | |
| **5.2. Task Sequence:**   1. **Admin accesses the problem management section.** 2. **Admin selects the option to add a new problem.** 3. **Admin enters problem details (description, test cases, etc.).** 4. **System saves the new problem and updates the problem set.** | |
| **5.3. Post Conditions:**  **A new problem is added to the contest.** | |
| **6. Modification History: Initial version (Date 24-October-2024)** | |
| **7. Author: Dilpreet , Pratyush , Somil , Ruhani** | |