PARDUS SUGGESTION AND BUG FINDING COMPETITION SPECIFICATIONS

2024

Revision History			
Version:	Date	Description	Variations
1.0	17.10.2023	First Version	Categories Participation Conditions Schedule Score Distribution General Rules
1.1	22.11.2023		Schedule
1.2	20.02.2024		Schedule

1. PURPOSE OF THE CONTEST

The contest aims to raise awareness for the widespread and effective use, development and improvement of open source software in the IT field. With the Pardus Suggestion and Bug Finding Contest to be held on Liderahenk, Ahtapot, and the applications listed at https://www.pardus.org.tr/pardus-uygulamalar/ and https://github.com/pardus, which are being developed by the Pardus software team, it is aimed to eliminate existing bugs and make suggestions for the more effective use and improvement of the Pardus Operating System, through requests to be opened by our contestants.

2. SCOPE OF CONTEST

During the contest, debugging, suggestions and development will be made on Pardus applications, the latest version of the Pardus operating system. Each participant is asked, as an end user, to provide suggestions for the applications listed at **https://github.com/pardus** and **https://www.pardus.org.tr/pardus-uygulamalar/**, to facilitate the use of Liderahenk, Ahtapot and Pardus operating system, to catch bugs in the identified issues, and to develop solutions if possible.

Topics:

- Functional Bug/Suggestions
- Performance Bugs/Suggestions
- Usability Bugs/Suggestions
- Security Weaknesses
- Localization etc.

You can also participate in the contest with your development suggestions on different topics that are not included in the list. If your suggestion is not suitable for the contest, the participant will be contacted.

3. CATEGORIES OF THE CONTEST

The Contest will be held in two separate categories: Suggestion / Bug Finding Category and Development Category.

3.1. In the Suggestion/ Bug Finding Category, only bugs and suggestion requests related to the applications specified within the scope of the contest will be taken into consideration. Requests in this category are not expected to develop any codes for solution suggestions.

3.2. **In the Development Category,** contestants are expected to develop new software that Pardus users can benefit from, or to make code fixing/ improvements in the scope of the contest. The codes should be shared from a public repository and improvements should be made via "pull request" via https://github.com/pardus, this information should be specified in the relevant requests and the relevant links should be provided.

3.3. The Contestant must select the contest category when reporting bug/suggestion.

3.4. The Contestant can submit a request in both categories, but 1 request will be evaluated for only 1 category.

4. CONDITIONS FOR ATTENDING THE CONTEST

The Pardus Suggestion and Bug Finding Contest is open to all primary, secondary, high school (including Open Education) and university students (including Bachelor's, Associate's, Master's, Doctorate and Open Education) studying in Turkey and abroad who are interested in open source software, curious about the Pardus Operating System and want to contribute to Pardus.

4.1. Participants at the elementary, middle school and high school levels must designate an advisor. The document stating that the person who will serve as an advisor will fulfill the advisory duties must be uploaded to the system with wet signature.

4.2. Individual participation in the contest will be accepted.

4.3. Participants must apply by creating a one-person team through the team creation module in the KYS system.

4.4. Our contestants who are students at primary, middle and high school level who will apply individually must get an advisor. Bugs and suggestions conveyed by the participants must not be copied. Reported bugs/suggestions that are found to be similar or imitated will be excluded from the contest.

4.5. If the contestant has already participated in another contest with the same suggestion; the name, place, date, organizer, and the result of the contest must be reported in the project file.

4.6. If the contestant has participated in TEKNOFEST technology contest organized in

previous years with the same bug or suggestion, he/she can apply again on condition that he/she develops or modifies it.

4.7. The contestant may not participate with same and/or a copy of the bug/suggestion with which he/she participated in before. In case of quoting from the reports published on www.teknofest.org for previous years, the source should be indicated. You can find the citation format under the general rules heading in the specifications.

4.8. Each participant must fill out a separate application form and choose the team role as team captain.

4.10. It is the contestant's duty to follow the processes (Application, entering bug and suggestion requests into the system on time, filling in the forms, etc.) and TEKNOFEST contestant committee is not responsible for delays and/or disruptions caused by the contestant.

4.11. Applications are made online through the **www.t3kys.com** application system until **29.02.2024.**

4.12. All necessary processes within the scope of the contest (Application, Report Receipt, Report Results, Financial Support Application, Appeal Processes, etc.) are done through the KYS system.

4.13. Contestants can apply to the same and/or different TEKNOFEST contests with different projects. The same project can only be applied to a single category or a single contest. Applications of those who apply to different categories or different contests organized within the scope of TEKNOFEST with the same project will be deemed invalid.

4.14. During the contest, your education level at the time of application will be taken into consideration. You need to pay attention to this point when choosing a category.

4.15. The contestant will be able to participate in the contest by reading and approving all the explanations about the contest and participation conditions before applying.

4.16 Those who apply to the contest are deemed to have accepted all of the conditions in the specifications.

4.17. Bug/suggestion request entries within the scope of the contest will start on the date specified in the contest's calendar. Participants must submit a Request to https://jira.ulakbim.gov.tr/ by the deadline specified for the contest.

4.18. A maximum of 10 requests can be submitted for each category within the scope of the contest.

4.19. For the Suggestion/Bug Finding category, at least 2 of the requests submitted must be suggestions.

4.20. For the Suggestion/ Bug Finding category, the 3 highest scoring bugs/suggestions from among the submitted requests will be evaluated.

4.21. All students can apply to the Pardus Suggestion and Bug Finding Contest. Individuals under the age of 18 must participate with their advisors.

4.22. It is mandatory to participate in the Contest with bugs and improvement notification requests to be entered at https://jira.ulakbim.gov.tr/. For documentation of bug reporting/correction requests;

- Complete description of the Bug/Suggestion
- Presentation as screenshot
- If possible, the solution or suggested solution should be stated.
- If a request is made for the Development Category, code development must be made as a Solution. If the solution proposal is a new software, it should be shared from a public repository, if it is an improvement, it should be made via "pull request" at https://github.com/pardus, this information should be specified in the relevant requests and the relevant links should be provided.

5. APPLICATION PRINCIPLES

5.1. Applications will be received through the TEKNOFEST Aviation, Space and Technology Festival Technology Competitions QMS system (**t3kys.com/en**).

5.2. For the application, the application form must be filled in by the date specified in the contest's calendar.

6. CONTEST CALENDAR, SCORING AND EVALUATION

Detailed information about the contest calendar, scoring and evaluations is given below;

6.1. Contest Schedule

6.1.1. The Contest will be held according to the calendar specified below.

DESCRIPTION	DATE
Deadline for Applications	29.02.2024
Process of Receiving Bugs and Suggestions	15.12.2023 - 23.06.2024
Evaluation Process	24.06.2024 - 12.07.2024
Announcement of Winning Teams	19.07.2024
Award Ceremony / TEKNOFEST 2024	August - September 2024

Table 1: Contest Calendar

6.2. Evaluation Criteria

The following criteria will be taken into consideration in the evaluation made by the jury members.

Severity level of the bug/suggestion found:

- Low Severity Bug - Suggestion: Bugs and suggestions that do not affect the operation or use of the system but would be useful to eliminate
- Medium Severity Bug - Suggestion: Bugs that affect only a small part of the system
- High Severity Bug - Suggestion: Bugs that affect the majority of the system but do not completely stop its operation
- Critical Bug - Suggestion: Bug or suggestion that stops the entire system from working

Reported **Bugs**:

- The bug report and the scenario of the occurrence of the bug or the suggestion scenario and its location are reported with all the details at a level that can be recreated
- A feasible suggestion or a direct solution for solving the bug is presented
- The specified bug is reproducible after performing all the steps specified in the bug report. Bugs that cannot be recreated by the Pardus team will not be evaluated within the scope of the contest.
- Each bug/suggestion should be reported as a separate bug/suggestion report. During the evaluation process, all bugs reported by the same person will be evaluated together.

6.3. Scoring

Our judges will evaluate entries based on the type of bug/suggestion, its severity and whether the bug/suggestion is well defined.

Types of Bugs:

- Functional Bug/Suggestions
- Performance Bugs/Suggestions
- Usability Bugs/Suggestions
- Security Weaknesses
- Localization
- Other

Criteria:

- Complete description of the bug
- Presentation as screenshot
- Solution and/or suggestion for solution
- Code content and quality developed for the Development Category

Weights:

Severity level of the bug/suggestion found

- **Low Severity Bug – Suggestion: Bugs** and suggestions that do not affect the operation or use of the system but would be useful to eliminate
- **Medium Severity Bug – Suggestion: Bugs** that affect only a small part of the system
- **High Severity Bug – Suggestion: Bugs** that affect the majority of the system but do not completely stop its operation
- **Critical Bug – Suggestion: Bug** or suggestion that stops the entire system from working

6.3.1. During the evaluation process, all b**ugs** reported by the same person will be evaluated together.

6.3.2. Within the scope of the contestants, a maximum of 10 requests can be reported by 1 person. At least 2 of these requests must be suggestions.

6.3.3 The 3 highest scoring bugs/suggestions from the submitted requests will be evaluated.

6.3.4. If the contestants who have received a material award in the Development Category have also participated in the Suggestion / Bug Finding Category, their requests in the Suggestion / Bug Finding Category will be excluded from the evaluation.

6.4. Project Detail Report

The project detail report will not be prepared within the scope of this contest.

7. AWARDS

7.1 If more than one participant shares the prize money, the prize money will be distributed equally among the participants.

Suggestion/Debugging Category Award Amounts	
Winner	30.000,00 ₺
Second place	20.000,00 ₺
Third place	10.000,00 ₺

Table 2: Suggestion/Bug Finding Category Award Amounts

Development Category Award Amounts	
Winner	50.000,00 ₺
Second place	30.000,00 ₺
Third place	20.000,00 ₺

Table 3: Development Category Award Amounts

8. GENERAL RULES

Click here to access the general rules document for the competition.

9. ETHICS

Click here to access the code of ethics document for the competition.

DECLARATION OF RESPONSIBILITY

T3 Foundation and TEKNOFEST are in no way responsible for any product delivered by the competitors or for any injury or damage caused by the competitor. T3 Foundation and organization officials are not responsible for any damages caused by the competitors to 3rd parties. T3 Foundation and TEKNOFEST are not responsible for ensuring that the teams prepare and implement their systems within the framework of the laws of the Republic of Turkey. Technology Team Foundation of Turkey reserves the right to make any changes in this specification.

7th YEAR

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