Lab 5 – Code Review Template

Reviewer Name: Goga Alexandru

Reviewer Group: 213

Initial C application was created by (Name/Group): Haidamac Paula

**Please fill in the following table using appropriate, complete data:**

|  |  |
| --- | --- |
| **List of application functionalities that are missing, are incomplete or buggy.** | All the functionalities solve the given requirements, without bugs. |
| **List of program functions (except UI) that are not covered by tests.** | List\* createList(DestroyFn destroyFn, CopyFn copyFn);  void deleteContestant(Contestant\* c);  bool destroyContestant\_service(List\* l, int id\_contestant); |
| **List of program functions lacking specification.** | All functions from service.c, contestant.c, ui.h, test.h, service.h |
| **Is there a clear separation between each module’s specification and its implementation?**  **Please detail…** | Yes, but not for all the functions. However, for the functions with specifications, we have a clear explanation for what they do. |
| **Is the application correctly layered?**  **Please detail…** | Yes, the application have a specific layer for ui, tests, services, contestants and list. |
| **Does the application handle memory correctly (all memory is deallocated, no dangling pointers etc.).**  **Please detail…** | The application was tested with “\_CrtDumpMemoryLeaks()” function to see if are any memory leaks, but I didn’t discovered any of those. |
| **List those functions that are unclear to you (you don’t understand their role or how they work – usually a sign of bad design).** | All the functions are good structured and clearly to understand them. |
| **List the problems present in the reviewed application and indicate the number of man-hours you require for fixing them.** | The single problem was created by my ide, because my other classmate was using a different ide, and I have to carefully take all the files and place them one by one in a “New Project”. This problem probably took me 10 minutes to solve. |