Submit a Solution to an Exercise
- ***External Inputs:***
  - Web Form Submission – MEDIUM
- ***External Outputs:***
  - None.
- ***External Inquiries:***
  - Submit the solution with the corresponding exercise to Judge0 for execution and judging – COMPLEX
- ***Internal Logical Files:***
  - Exercises database and ActiveRecord model – MEDIUM
- ***External Interface Files:***
  - None
- ***Total***
  - **3**

Creating a new interactive programming exercise (Module 3)
- ***External Inputs:***
  - Web Form Submission – MEDIUM
- ***External Outputs:***
  - None.
- ***External Inquiries:***
  - Validation through Judge0: Provided test cases pass for the provided solution COMPLEX.
- ***Internal Logical Files:***
  - Exercises database table and ActiveRecord model – MEDIUM
- ***External Interface Files:***
  - None.
- ***Total***
  - 3

Adding a solution in a new language to an existing interactive programming exercise.
- ***External Inputs:***
  - Web Form Submission – SIMPLE
- ***External Outputs:***
  - Application flash message - SIMPLE
- ***External Inquiries:***
  - Submit solution in new language to Judge0, check validity of solution - MEDIUM
- ***Internal Logical Files:***
  - Exercises database table and ActiveRecord model - SIMPLE
- ***External Interface files:***
  - None.

- *Total:*
  - 4

Removing an interactive programming exercise.
- *External Inputs:*
  - Web Form Submission – SIMPLE
  - Some threshold of downvotes has been achieved – MEDIUM
- *External Outputs:*
  - ActionMailer email to the user who created the content – SIMPLE
- *External Inquiries:*
  - None.
- *Internal Logical Files:*
  - Exercises database table and ActiveRecord model – MEDIUM
- *External Interface files*
  - None.
- *Total*
  - *4*