

Welcome Mr. Matthews

SEG

Software Requirements Specification

November 3, 2004

SEG

Paul Califano – Team Leader

Melissa Hoffmann – Secretary

Thomas Hyne – Webmaster

Adam Pasquerella – Librarian

George Reese – System Administrator

Mark St.Hilaire – Project Manager

SEG

Software Requirements Specifications Presentation

Paul Califano – Introduction and Conclusion

Melissa Hoffmann – Functional Requirements

George Reese – Prototypes

Thomas Hyne – Data Flow Diagrams

Functional Requirements

- Teams
- Judges
- Outside Users
- Administrator

Team Functional Requirements

- Submit solutions to judges.
- Submit questions to judges on specific problems the team is having trouble with.
- View a scoreboard.
- View message board of clarified questions from judges to all teams.

Functional Requirements

- Teams
- Judges
- Outside Users
- Administrator

Judges Functional Requirements

- Select solutions to grade, grade solution, and respond to the team.
- Select question to clarify and send response.
- View scoreboard.

Functional Requirements

- Teams
- Judges
- Outside Users
- Administrator

Outside Users

- View the website.
- View the scoreboard.

Functional Requirements

- Teams
- Judges
- Outside Users
- Administrator

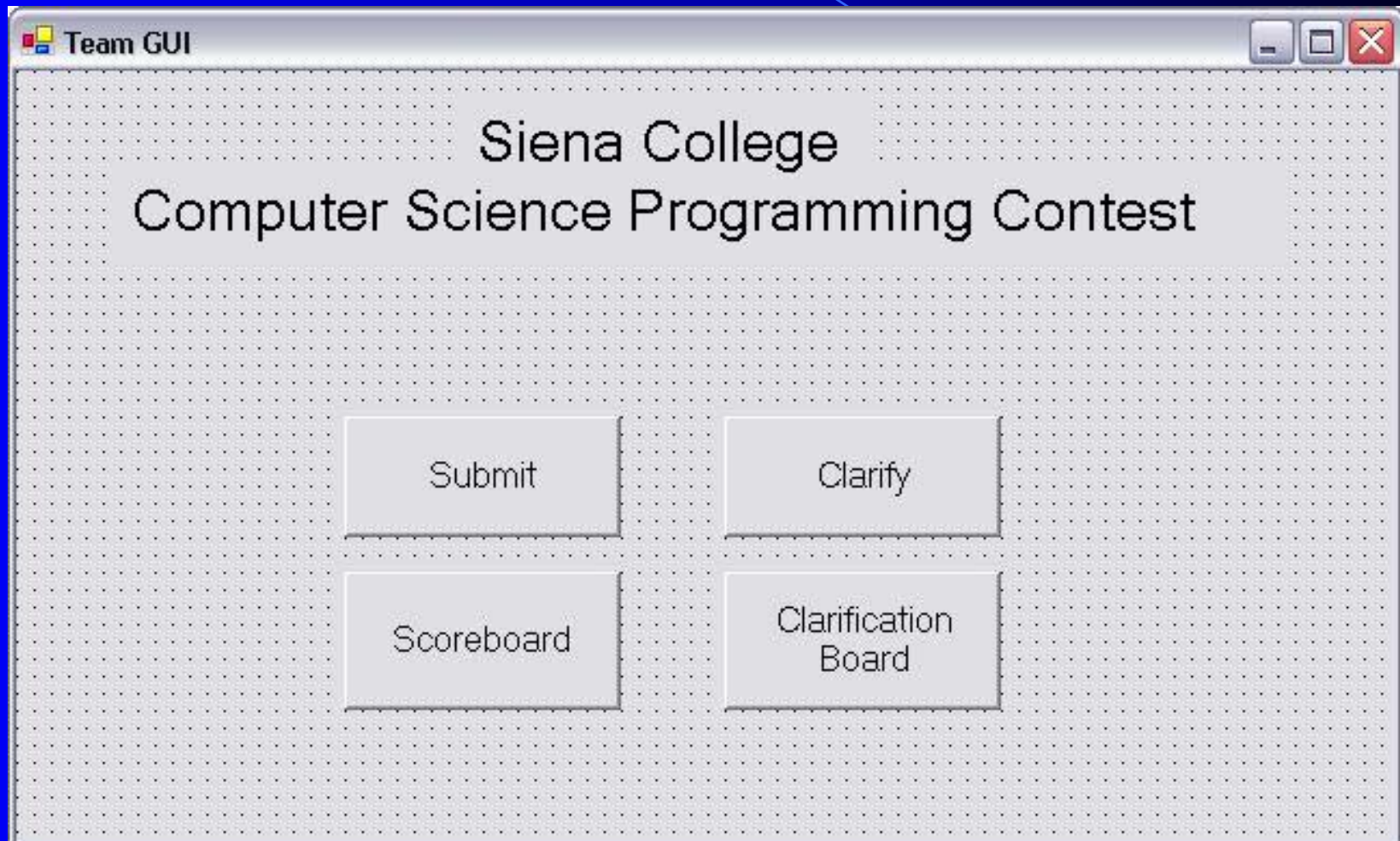
Administrators

- Make any necessary updates to website, scoreboard, and GUIs.
- Insert names of the teams to the scoreboard prior to a contest.
- Make sure all information is displayed correctly.
- Verify the copying and moving of files is done correctly.

Prototypes

- Teams
- Judges

Team Home GUI



Team Submission GUI

Team Submission GUI

Problem

Please select the problem that you are submitting a solution for:

Problem 1

Problem 2

Problem 3

Problem 4

Problem 5

Problem 6

Problem 7

Language

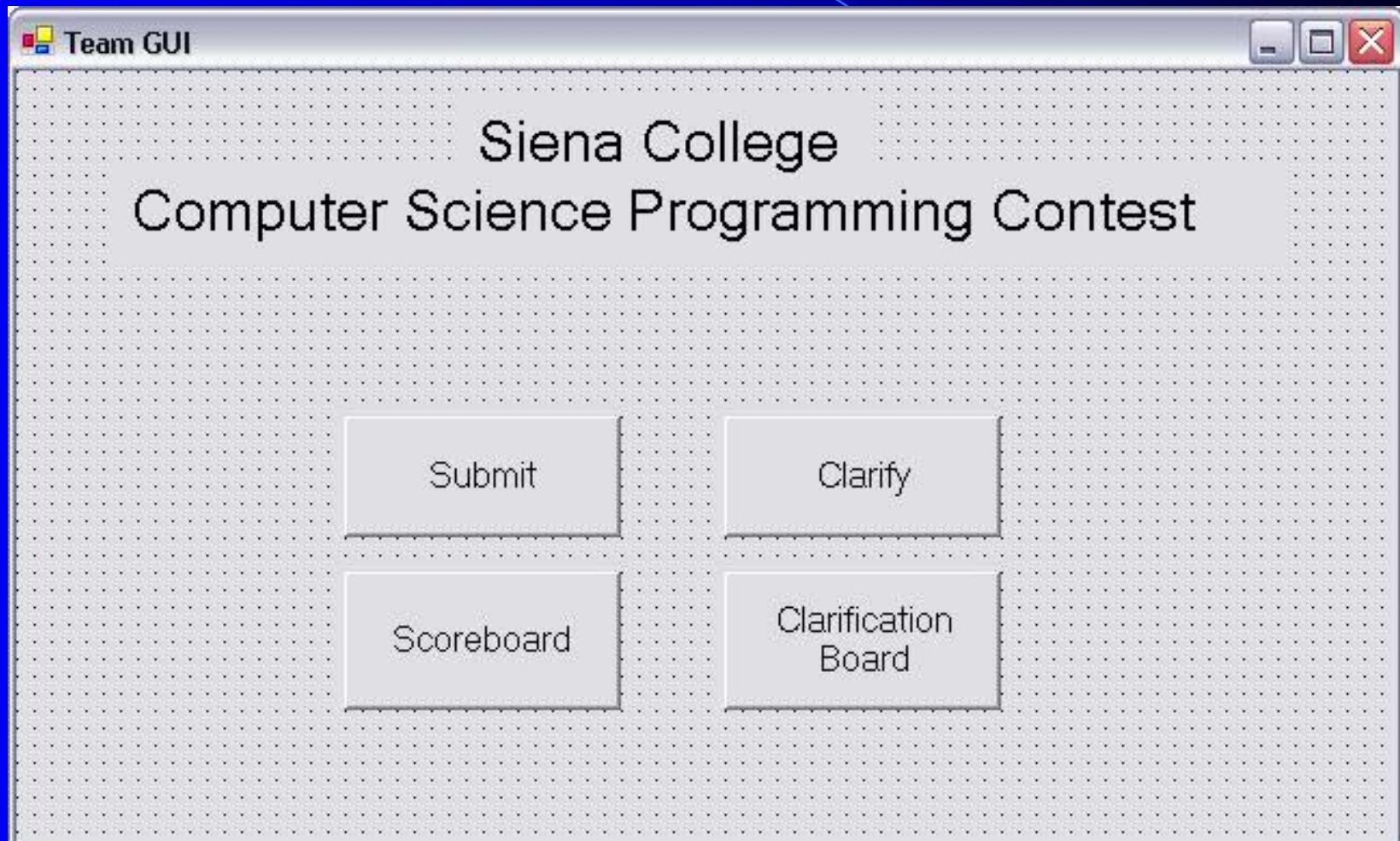
Please select the program language of your solution:

C++

Java

Submit!

Team Home GUI



Team Clarification

The screenshot shows a web application window titled "Team Clarify". The interface is divided into two main sections: "Problem" and "Question".

Problem Section:

Please select the problem that you are working on:

- Problem 1
- Problem 2
- Problem 3
- Problem 4
- Problem 5
- Problem 6
- Problem 7

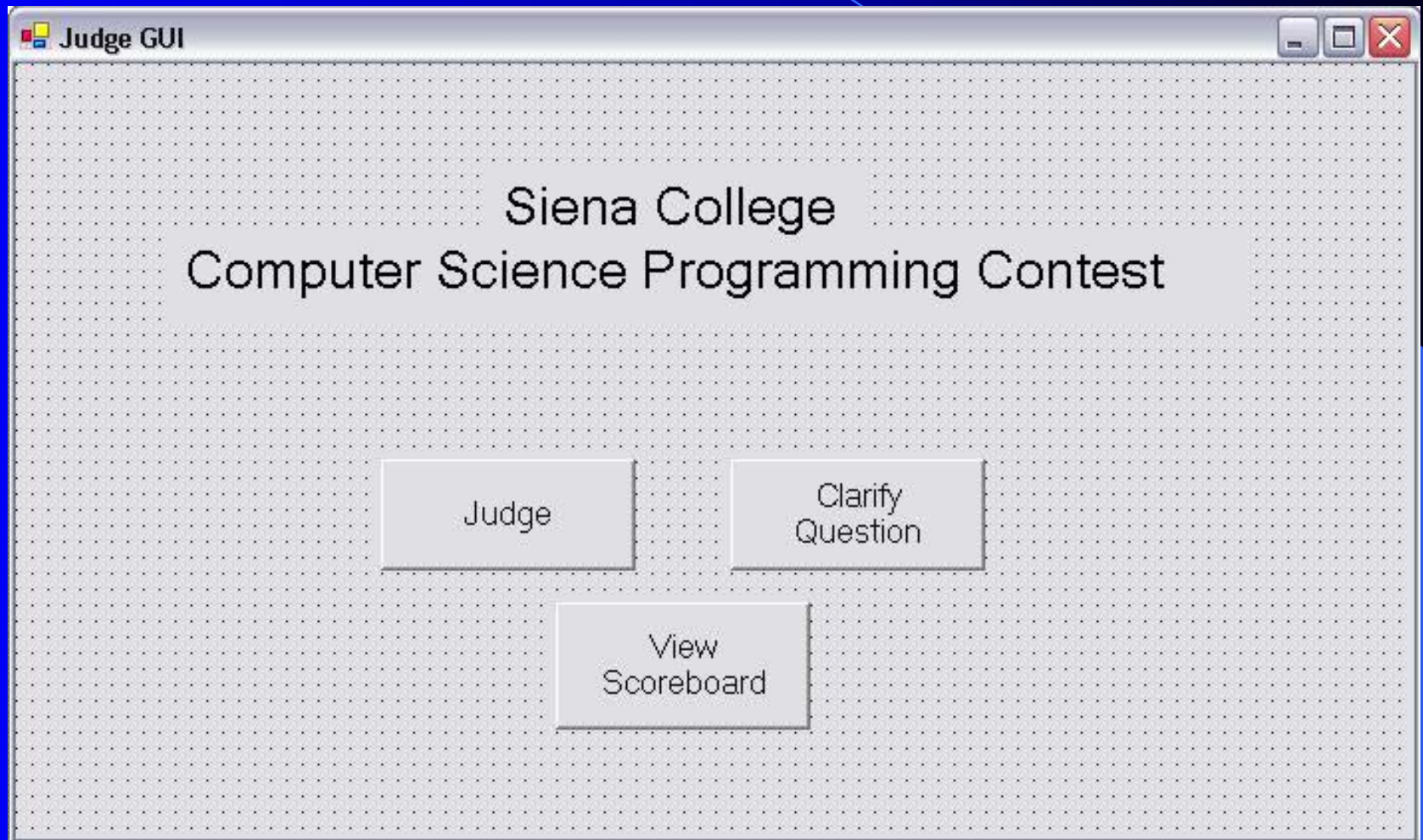
Question Section:

Enter your question here:

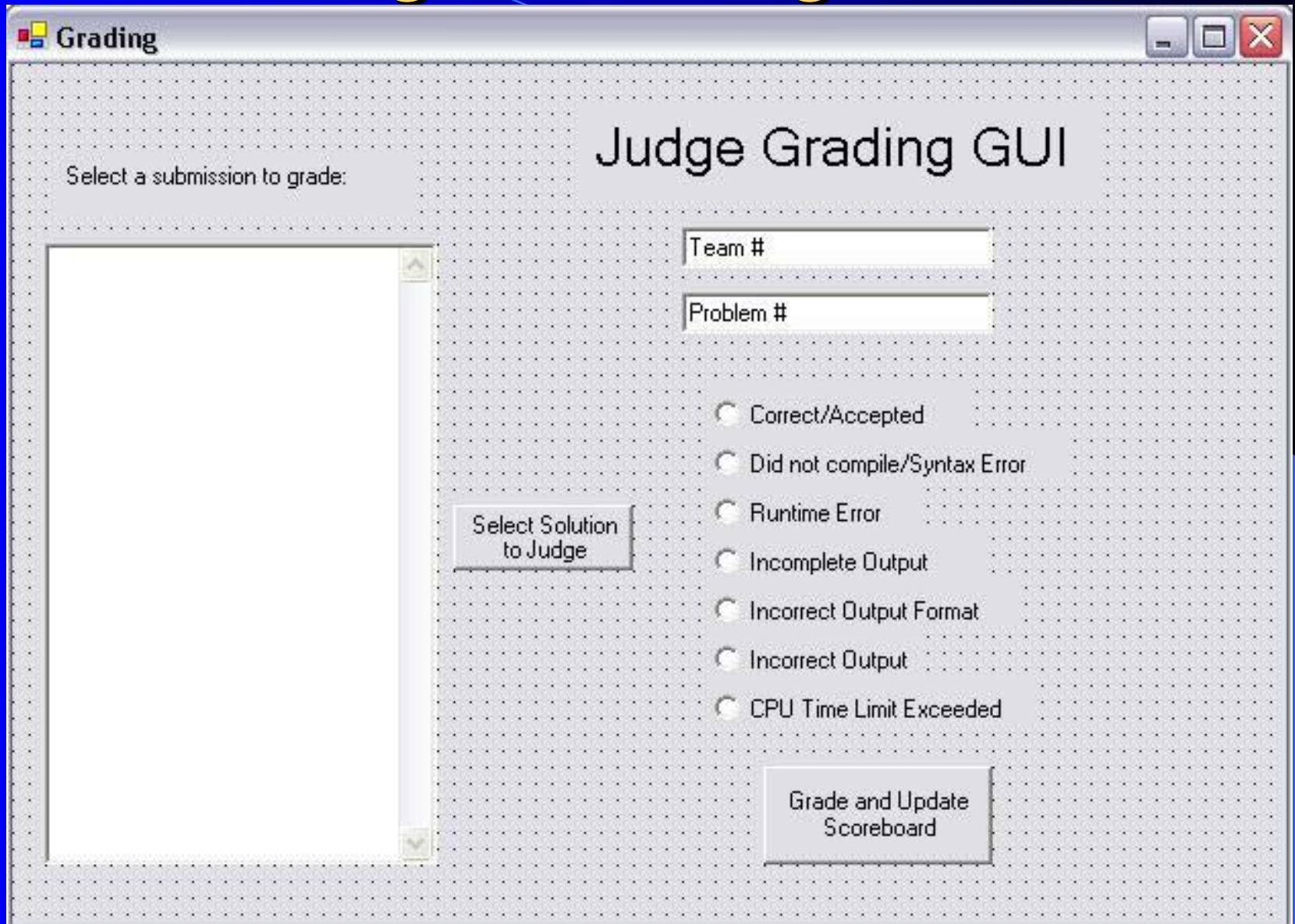
Prototypes

- Teams
- Judges

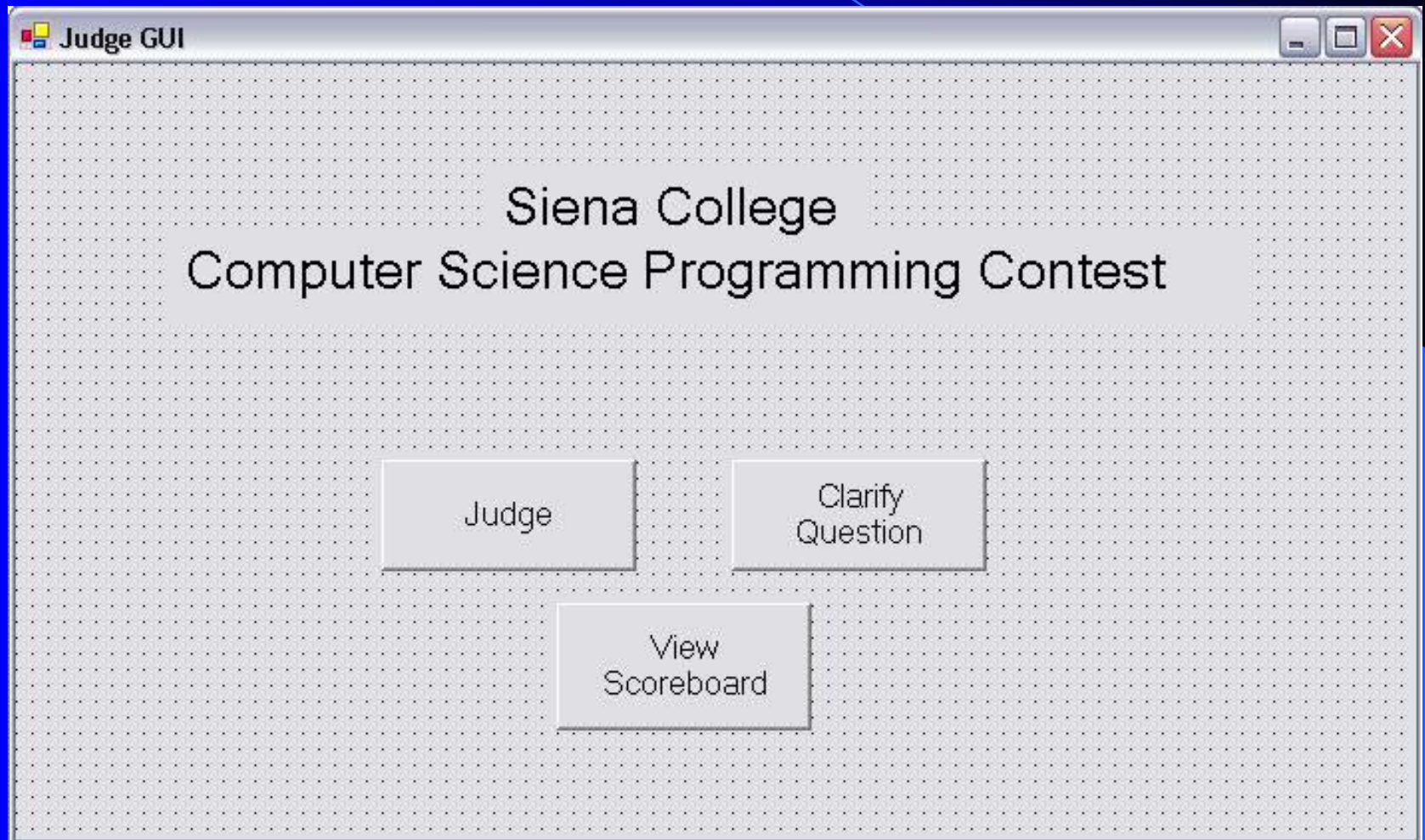
Judge Home GUI



Judge Grading GUI



Judge Home GUI



Judge Clarification GUI

Clarifications

Judge Clarification GUI

Select a question to respond to:

Team #

Problem #

Send to Message Board

Send to TEAM ONLY

----- OR -----

Reread Problem

Rephrase Question

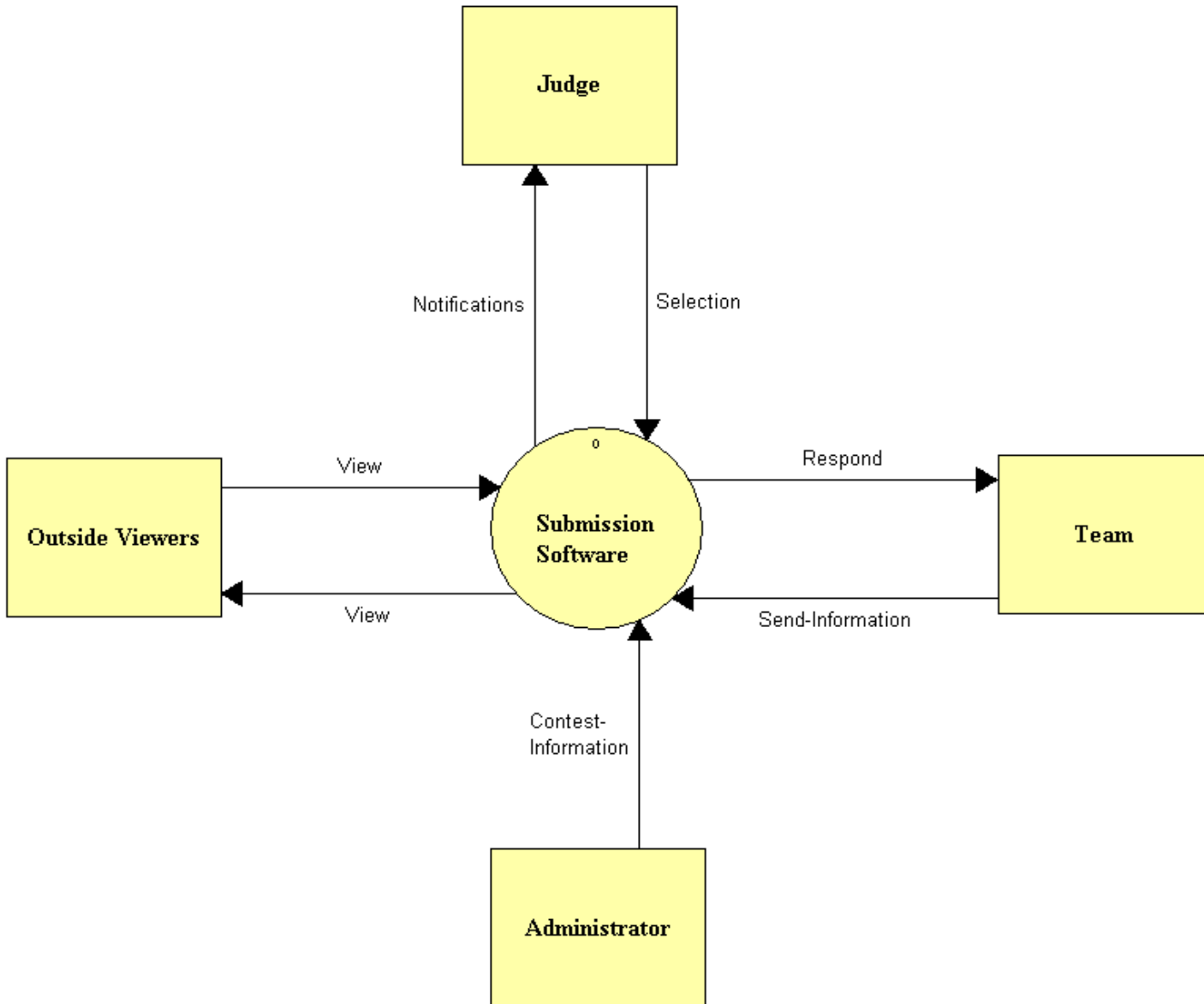
Not at liberty to answer

Does not apply

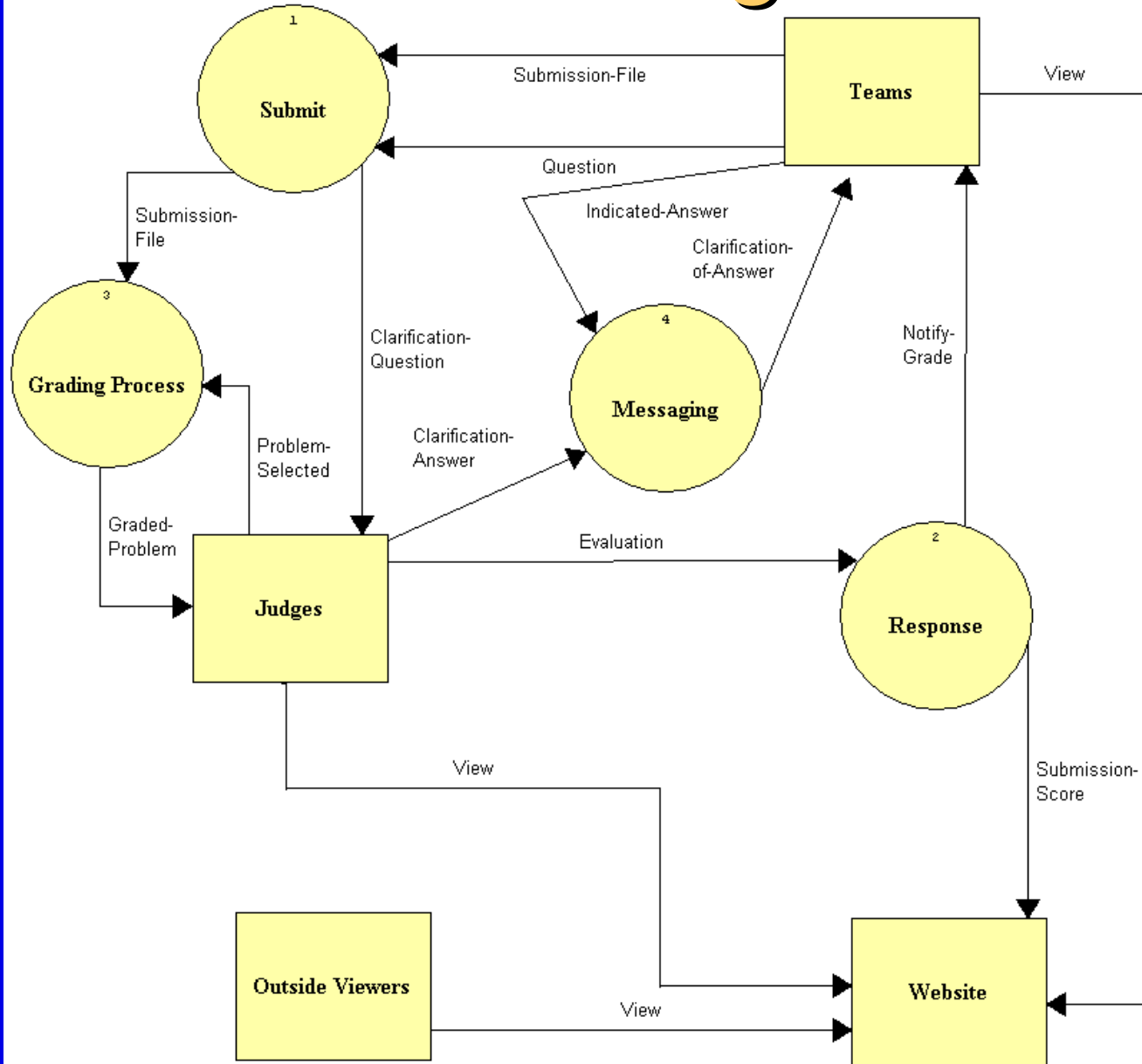
Automated TEAM ONLY Response

Select Question to Clarify

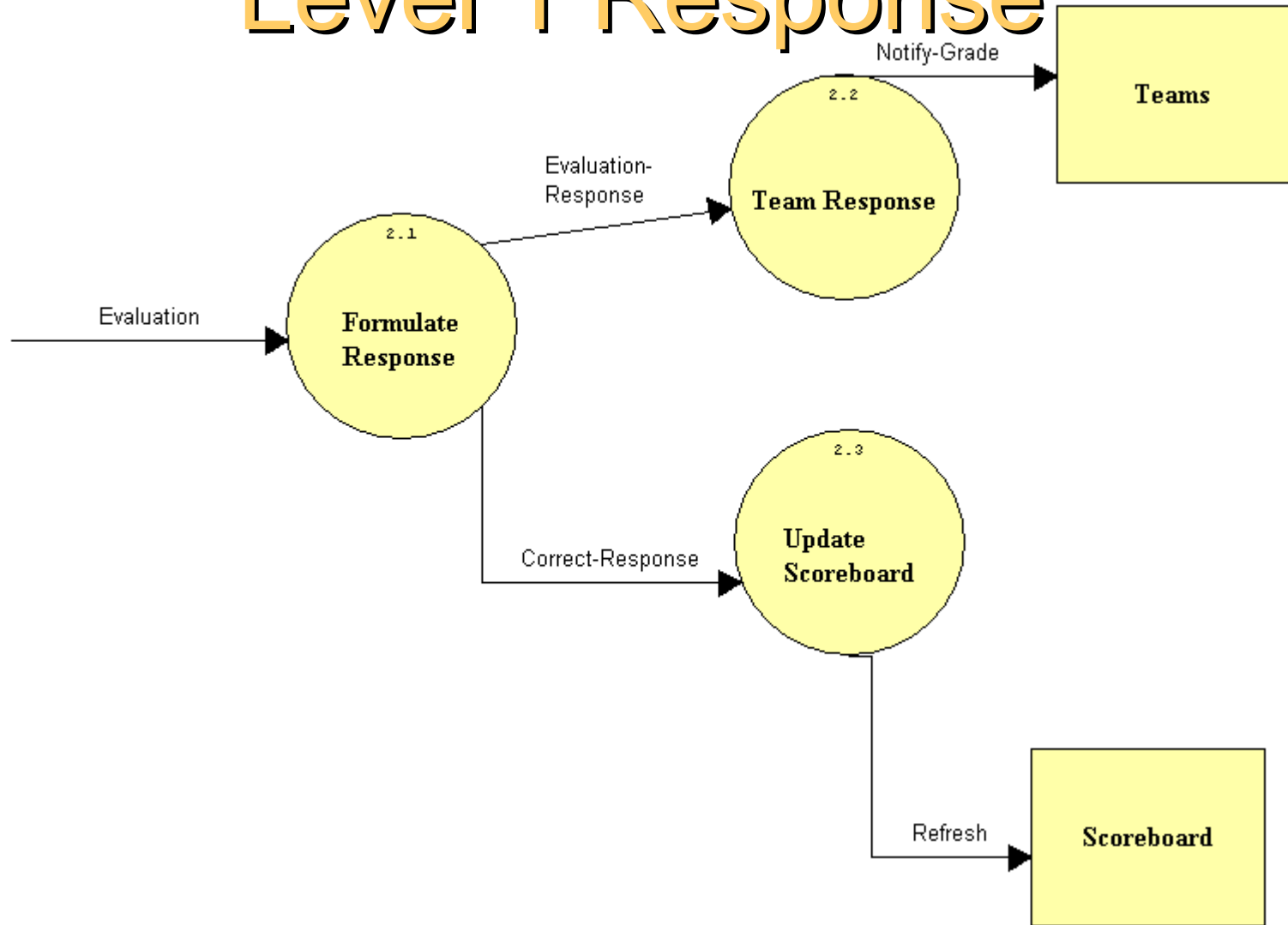
Context Diagram



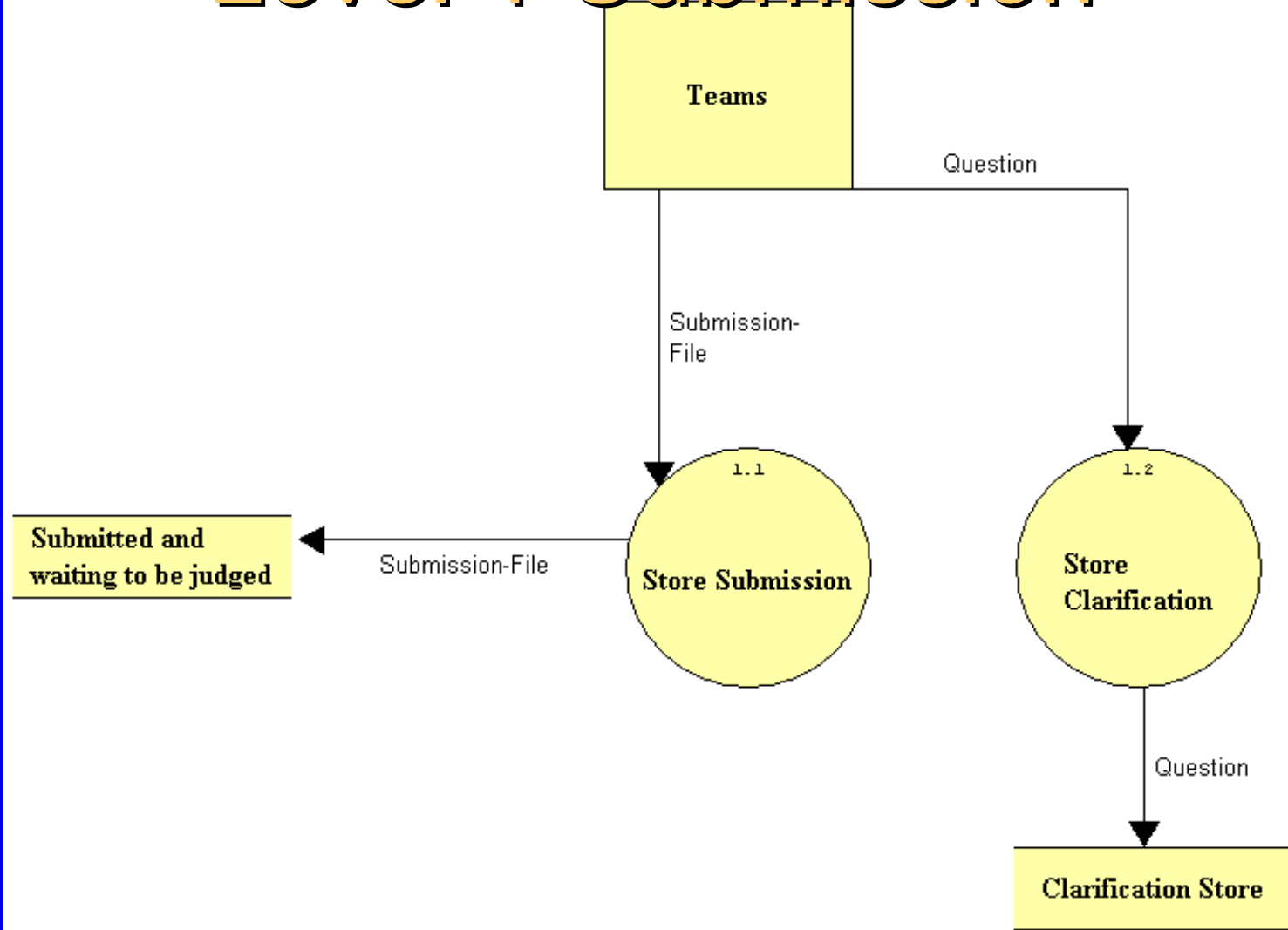
Level 0 Diagram



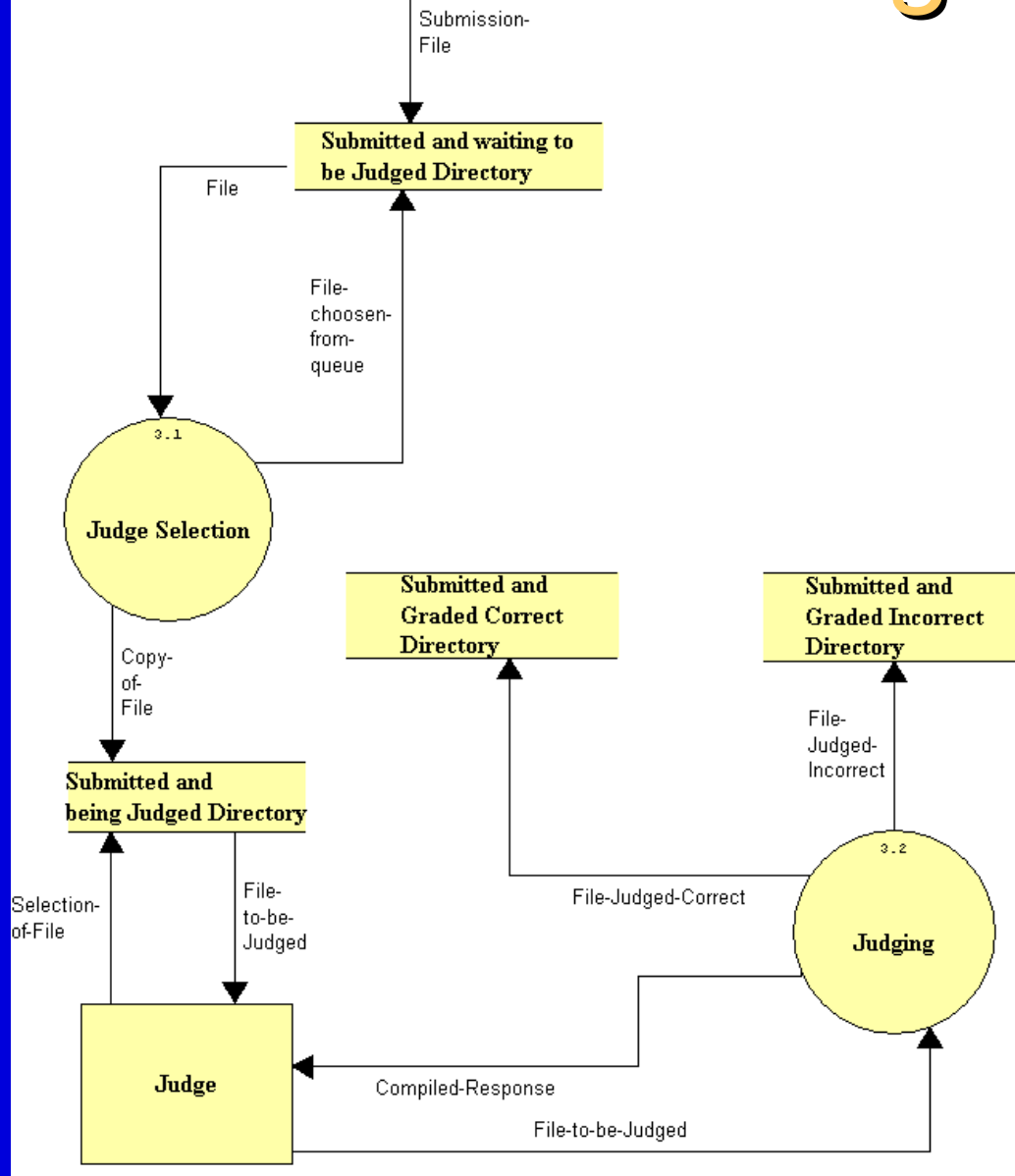
Level 1 Response



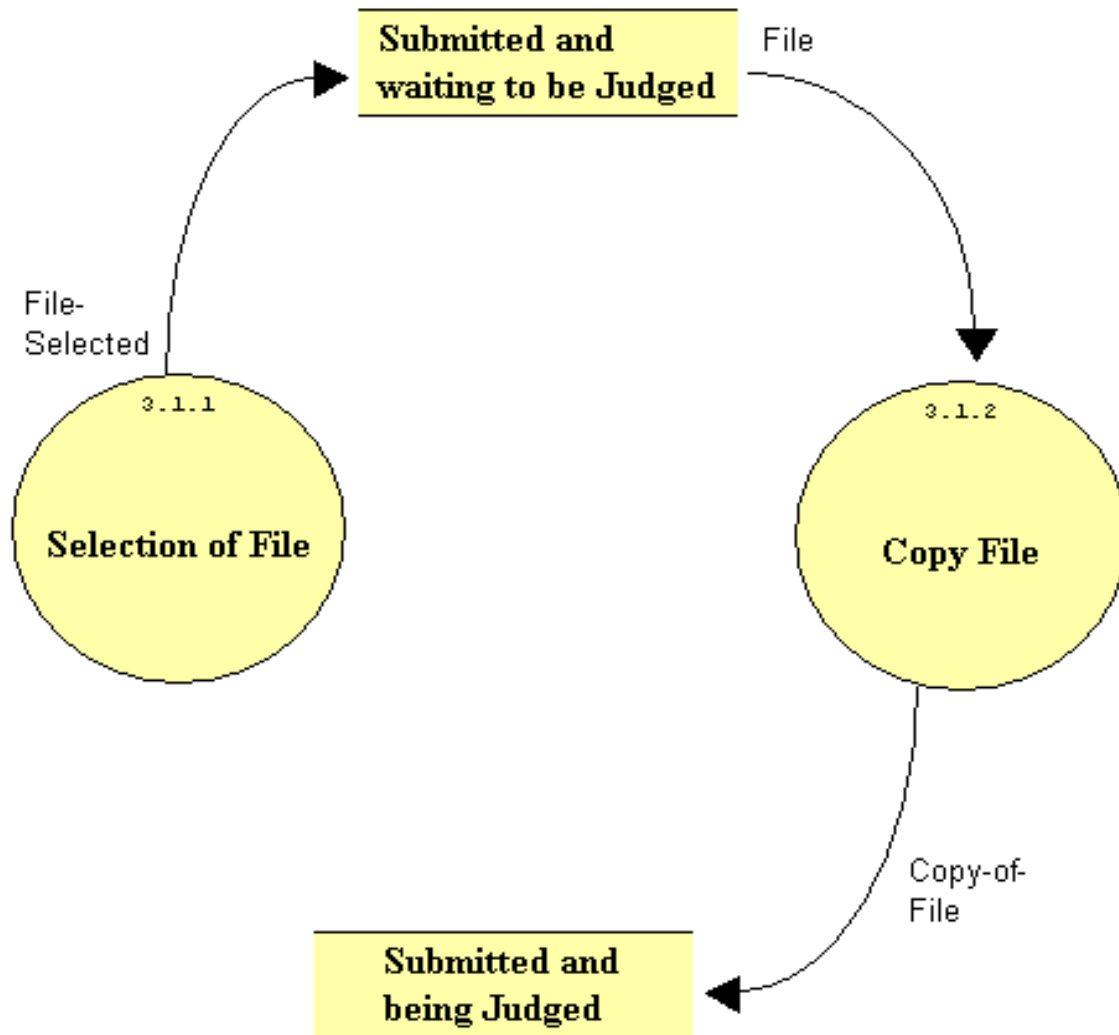
Level 1 Submission



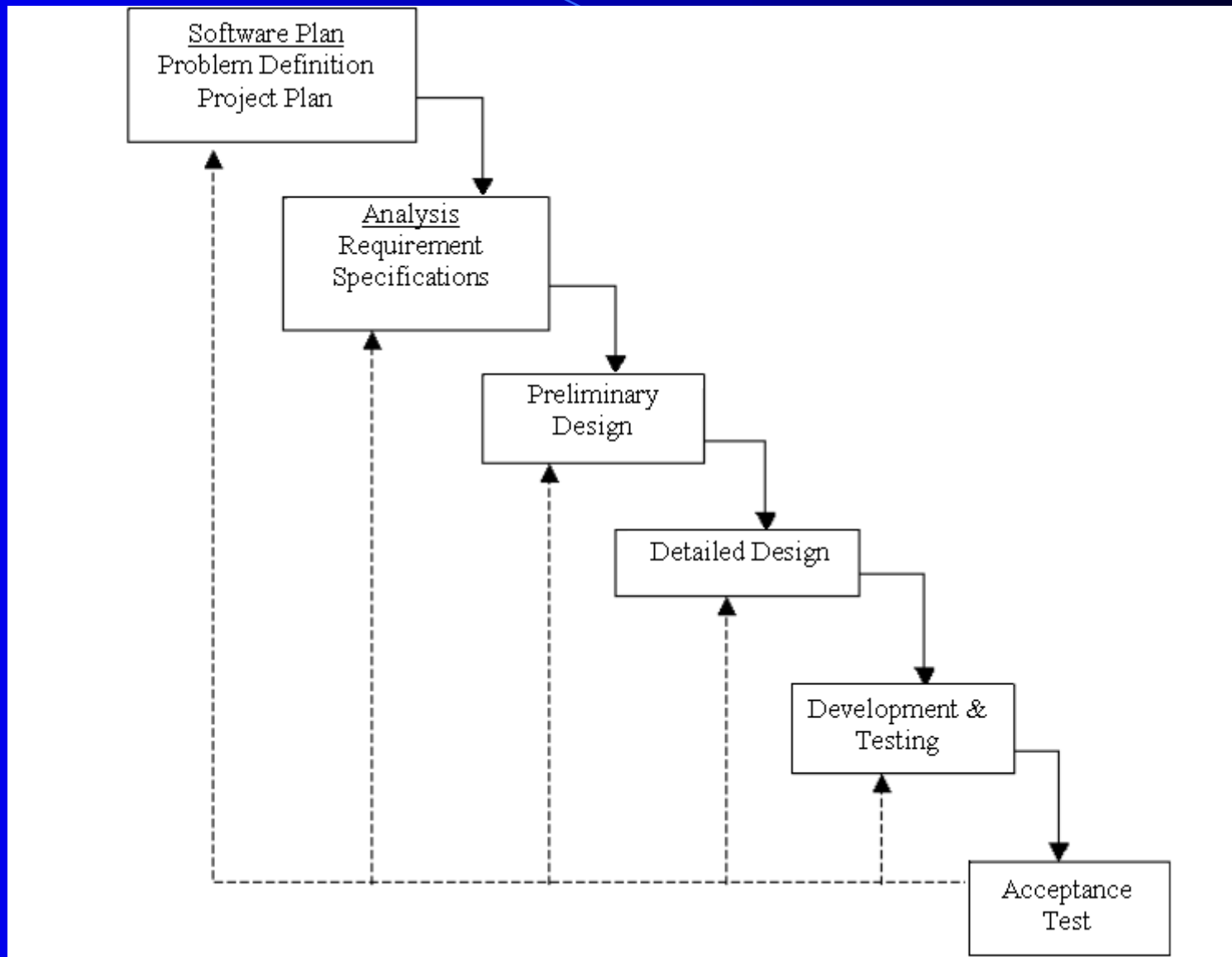
Level 1 Grading



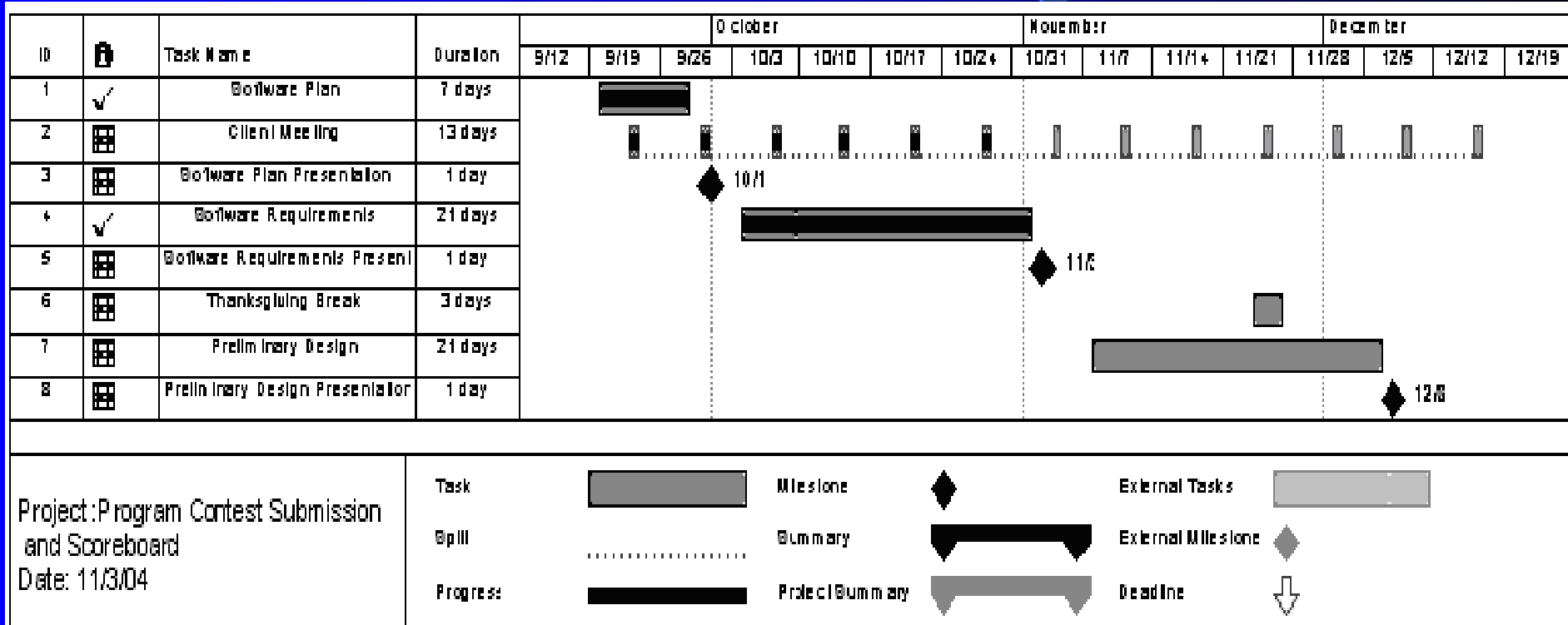
Level 2 Judge Selection



Linear Sequential Model



Gantt Chart



The background is a dark blue gradient. A thin, light blue curved line starts from the top left and arcs across the middle. A larger, semi-transparent blue shape, resembling a spotlight or a lens flare, is positioned behind the text, creating a glow effect.

Thank You!