HOTSPOTTER

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Hotspotter is a web application used for early prediction of bugs in software.

This is accomplished by detecting areas of instability called 'hotspots'. Hotspots are determined by analyzing the type and frequency of changes made to a project's codebase.

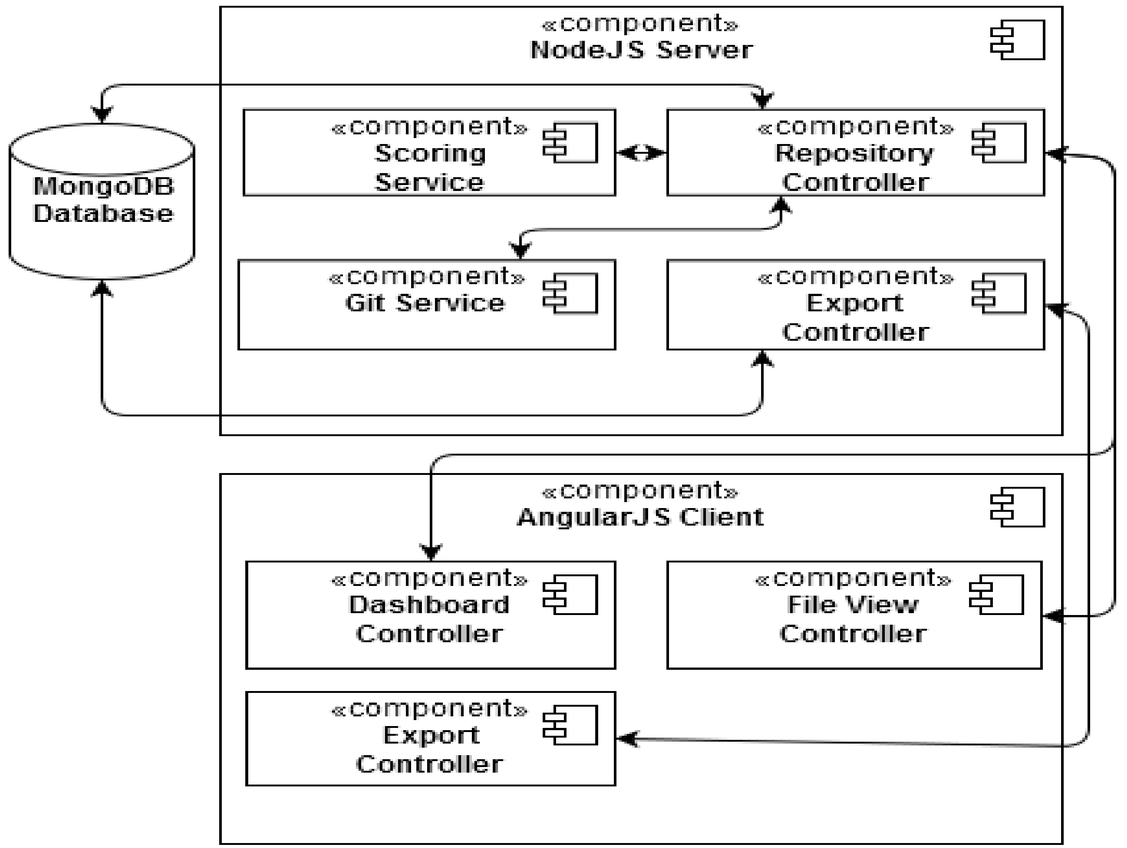
Objectives

- Calculate probability of problematic areas in code
- Assist teams with quality control and assurance
- Export repository metadata for future research and analysis

Plan

- Using the Semi-Agile Software Engineering (SAGE) process, a Scrum-like process with ten two-week sprints.
- Development Operations: Automated build and deployment mechanisms.
- Total Estimated Hours Until Completion: 416

Hotspotter is built with the MEAN stack and utilizes a client/server architecture with an emphasis on modularity.



Team role abbreviations: SM – Scrum Master; OP – Owner Proxy; QC – Quality Controller