POLITECNICO
MILANO 1863

RASD&DD Presentation

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Goals of the system

[G1] Companies easily find suitable students for their internships.

[G2] University students easily manage applications for internships matching their skills.

[G3] Companies and Students have a smooth internship experience.

Boundaries of the system

RASD

Why the system exists?

[WP1] : University student wants to be part of an internship.

How the actors interact with the system

[SP5] : Students might accept a suitable recommendation of a Company on S&C

How the system interacts with actors

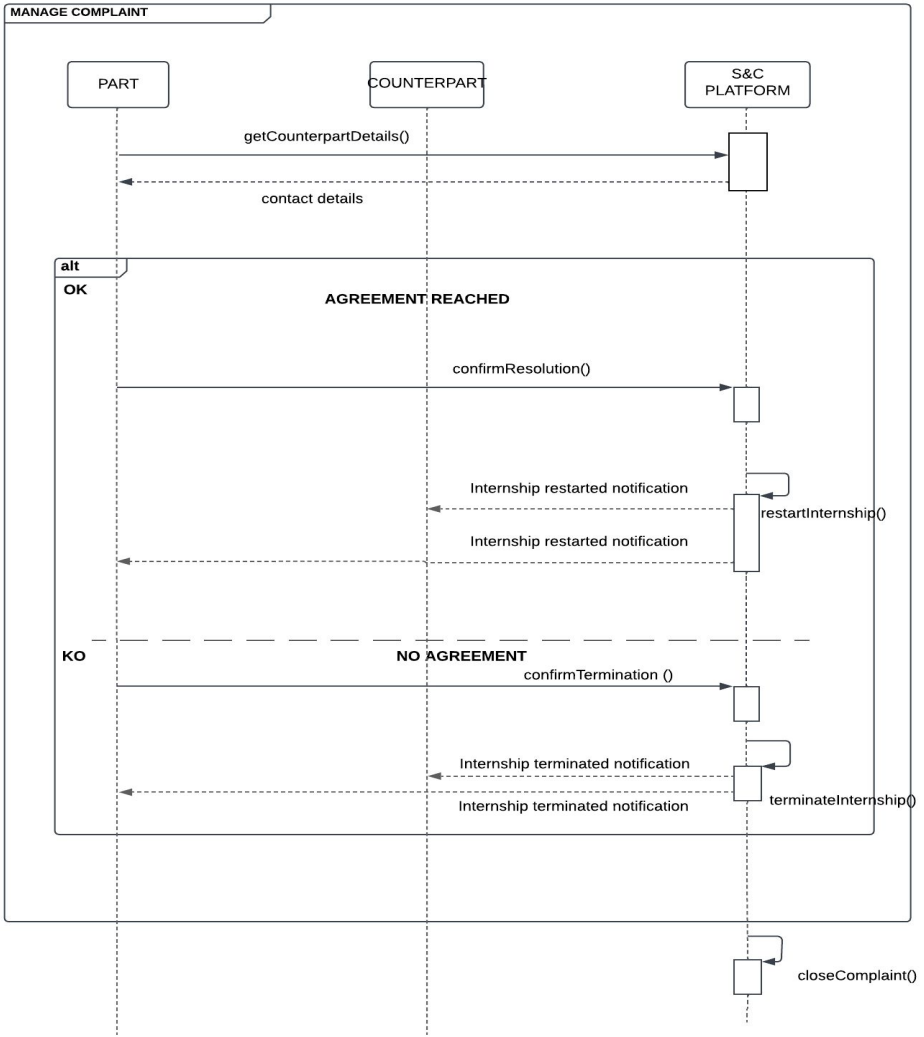
[SP13] : S&C establishes a contact once the recommendations is accepted

RASD

Meaningful Use Case

[UC15] - Manage Complaint

Use case description at page 31 and image at page 46 of the RASD Document.



Important Requirements

- **[R2]** The system allows Universities and Companies to sign an agreement for registering in the S&C platform.
- **[R3]** The system allows Companies to create and publish the internships (projects and terms) they offer.
- **[R18]** The system allows Companies to finalize the selection of the best candidates.

RASD

Important Assumptions

- **[D2]** Companies provide accurate and updated internship details.
- **[D3]** Students upload valid and accurate CVs and personal information.
- **[D7]** Feedback and complaints mechanisms are properly and honestly used by all users.

RASD

Alloy Model Analysis and Aim

Validation of Key Constraints

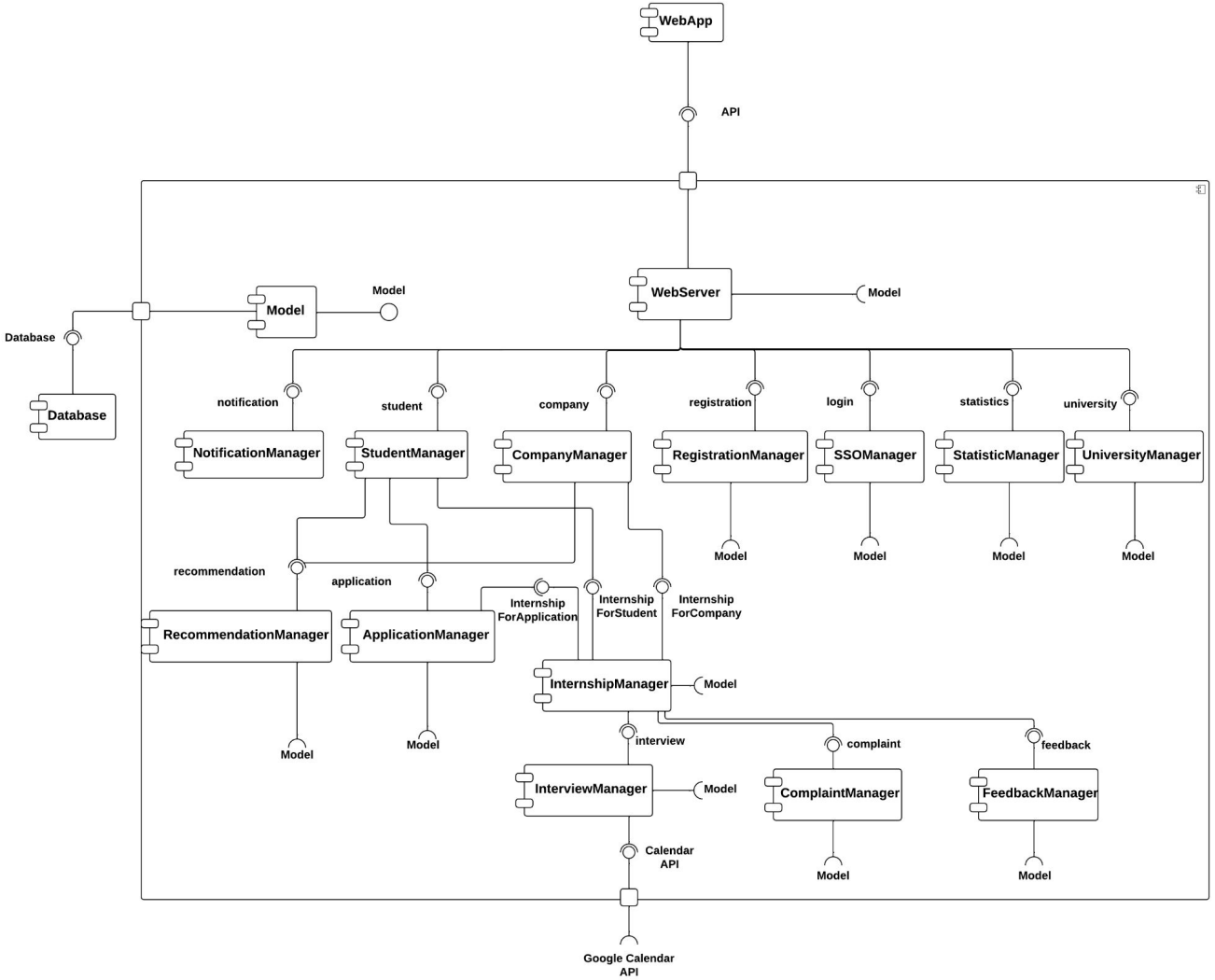
Detection of Logical Flaws

Simulation of Workflows

DD

Components and Interfaces of the system

Image at page 10 of the DD Document.



DD

Architectural Styles and Paradigms

Three-tier architecture

Model-View-Controller Pattern

Facade Pattern

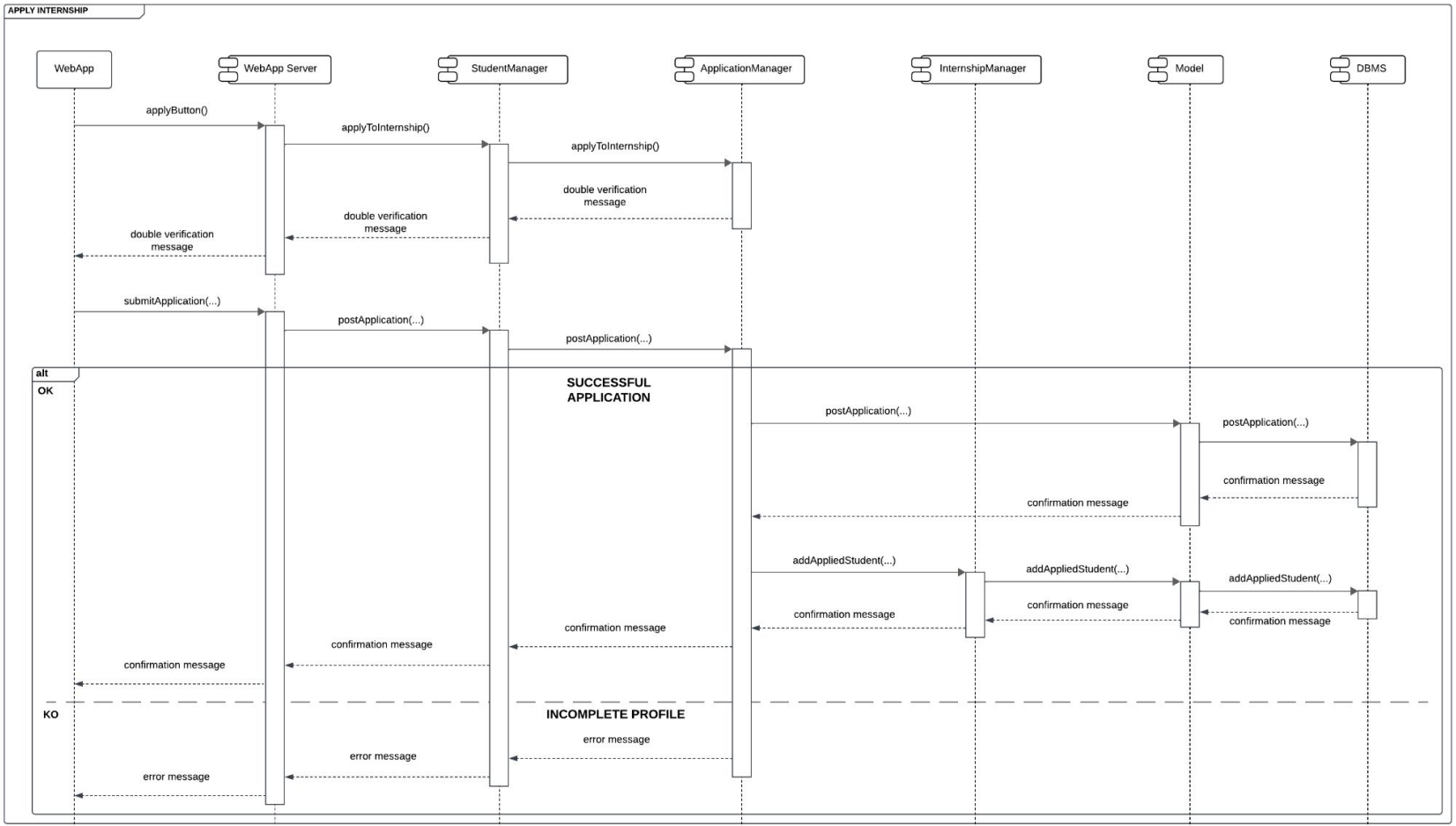
Server Replication

Firewall

Load Balancer

DD

RV at page 15 of DD document



DD

Integration and Testing Strategy

Development Approach

Continuous Feedback Mechanism

Testing Phases