Architecture constraints

1. Database technology: MySQL

2. Programming paradigm: Object-Oriented

3. Programming language: Java

4. Development platform: Java-EE 7

5. System architecture: Java-EE

6. Architectural frameworks: JSF, Java Persistence API

7. Architectural pattern: MVC, Layered (Multi-tiered)

8. Development technologies: EJB, JSP, JPQL, JDBC, Java EE

9. IDE: Netbeans

10. Build environment: Apache Maven 3

11. Web server software: GlassFish 4.0 server

12. Web interface protocol: HTTPS

13. Client web browser: Internet explorer 9+, Google Chrome 30+, Mozilla

FireFox 20+, Opera, Safari

14. Client device operating systems: Windows, OS X, Linux

15. Source control management: Git