COMP23412 – week 1

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'Green field' development

- COMP23311 – working on an open source codebase
  - Fixing bugs
  - Adding features
  - Getting experience with Git and CI
- COMP23412 – building an enterprise web application
  - Entirely lab-based – focus on coursework
  - Customer requirements, user experience and security
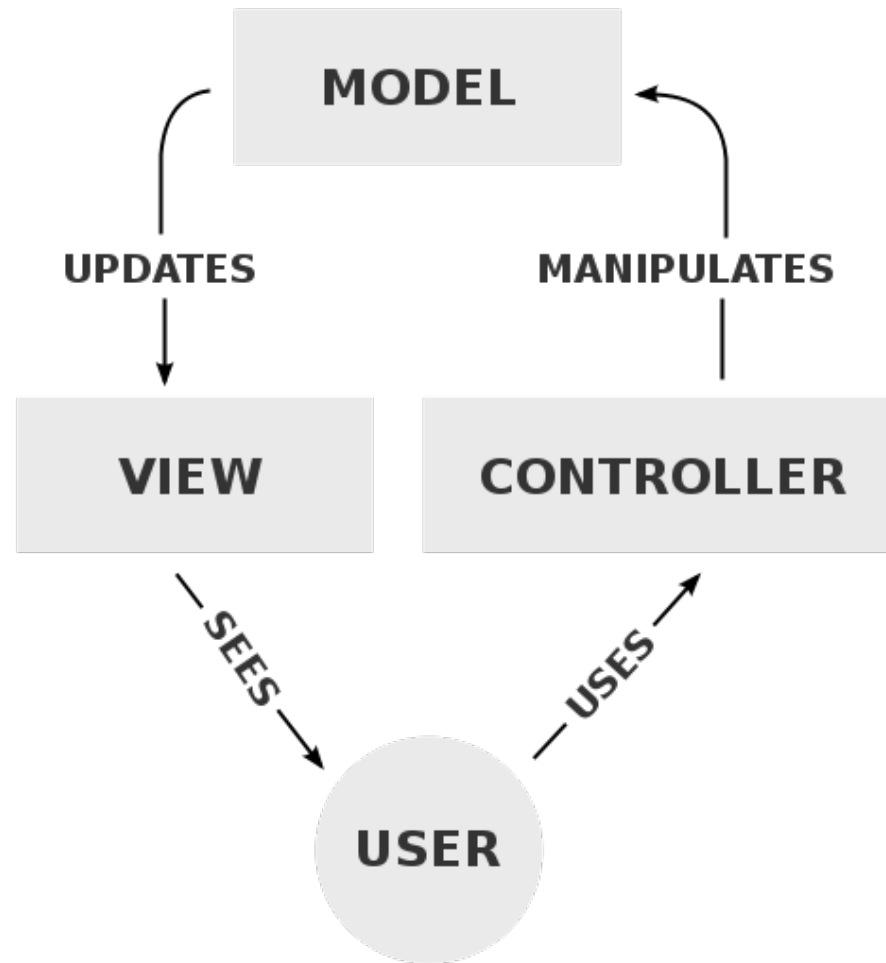 - Team study sessions provide time for teamwork

Assessment

- 60% team project
  - One deadline in week 12: **6th May 17.00**
  - Work set every week
  - 'Check-ins' in Weeks 5 and 10
- 40% exam
  - Online (Blackboard)
  - 40 multiple choice questions
- Feedback
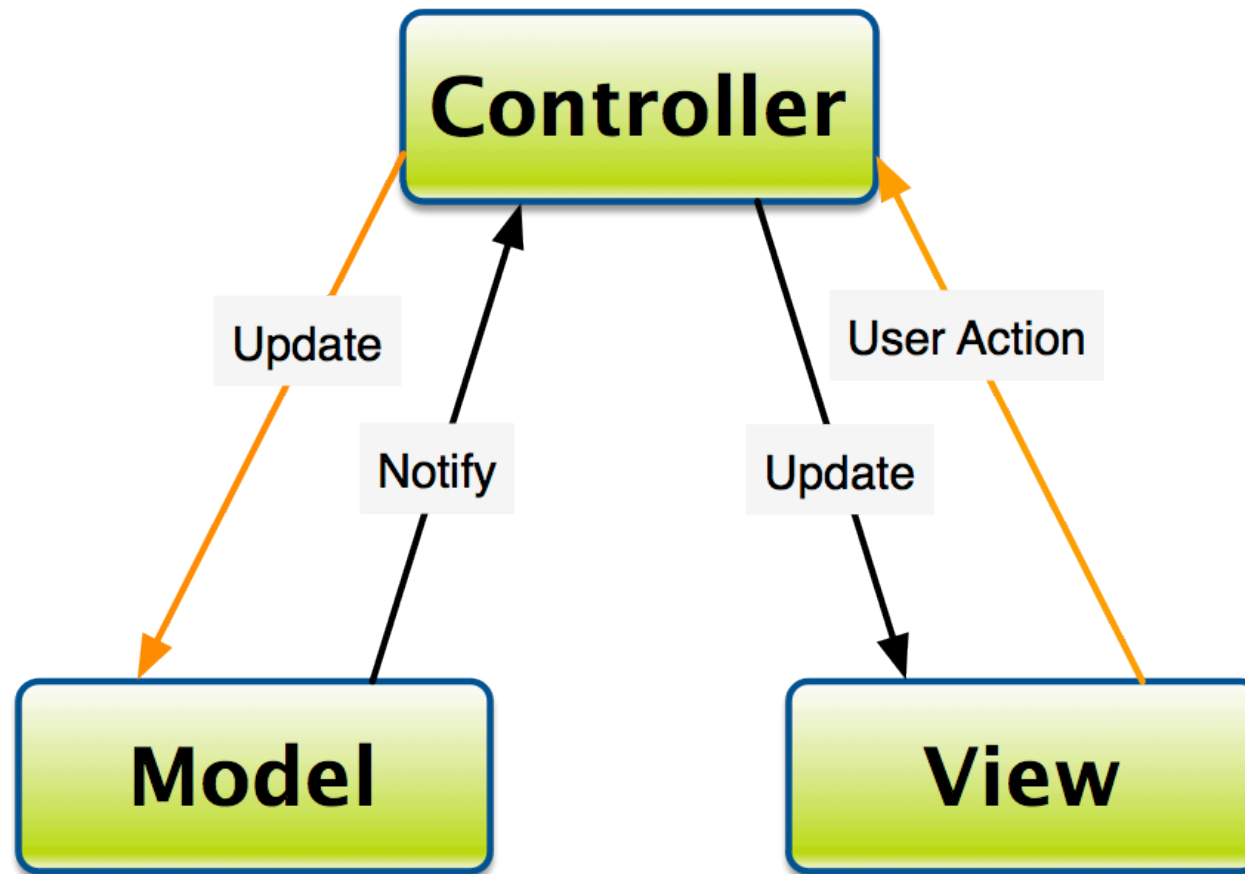 - Formative feedback available every week

Teamwork - communication

- Default: equal marks
- In exceptional circumstances, marks can be redistributed (see lab manual)
  - Not attending check-ins/showcase
  - Activity in GitLab
  - Issues assigned and resolved
  - Engagement with other team mates
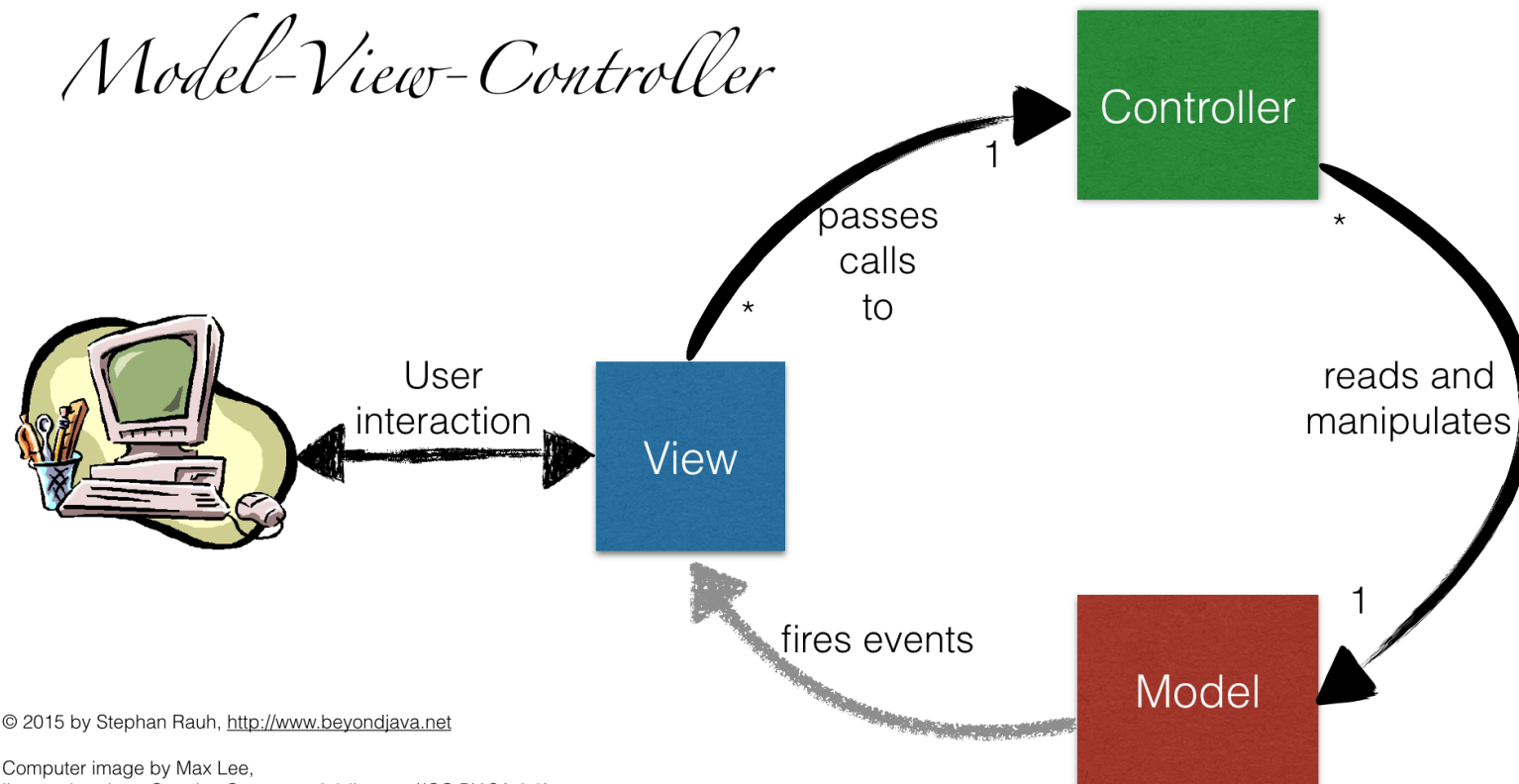 - Team decides, but we will arbitrate

Model-View-Controller

Model-View-Controller

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Controller

1

passes
calls
to

*

View

User
interaction

reads and
manipulates

*

fires events

Model

1

Putting MVC into practice

- Mapping MVC into the real world:
  - Is messy
  - Requires lots of trade-offs
  - "more than one way to do it"
- On this course, we're using Java and the Spring framework
- Today: adding functionality to a Spring application