Project eVolby
An Electronic voting system for the Academic Senate

A project for SI2 a SI3

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What we recieved

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- A lot of actions created server Errors due to bad tutorials for deployment
- Bulky login with redundant choices
- Very little javadoc
- Analysis and design not complete and inconsistent with actual implementation
- Slow loading applet with bugs, little functionality and inexplicable size
- Simple and insufficient voting results
- Security not implemented at all
- No testing

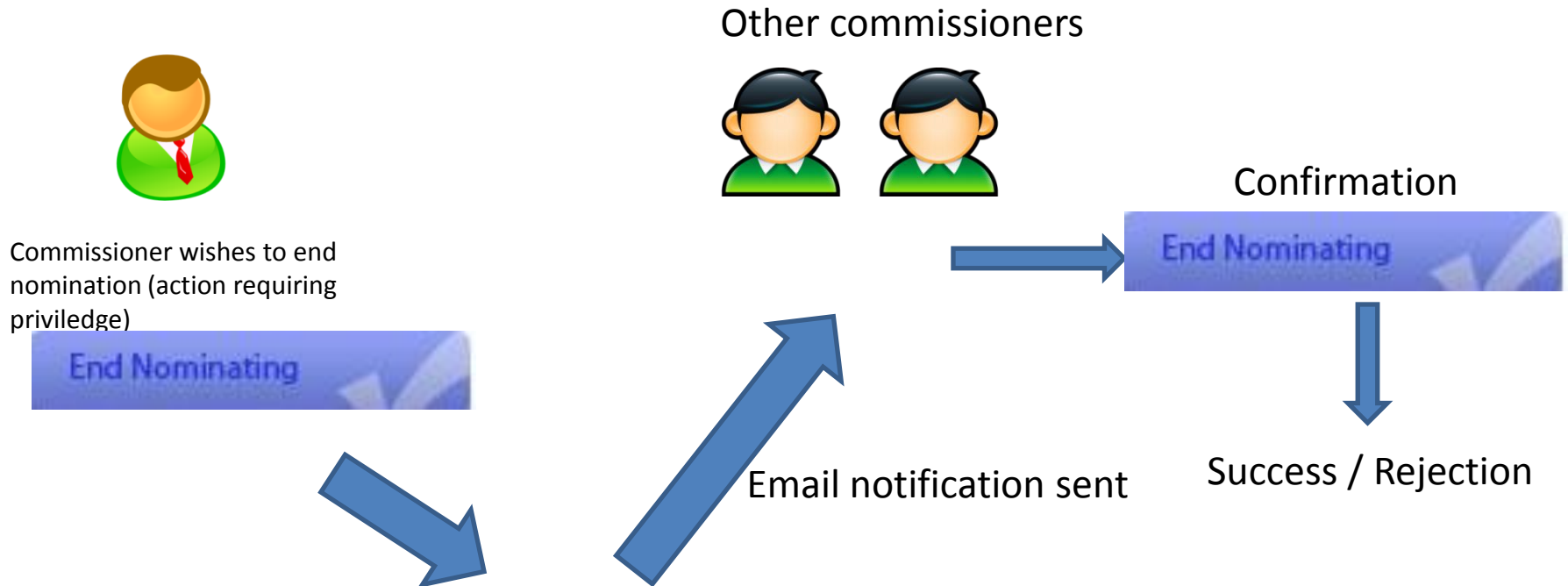# What we achieved

- The user no longer needs to select his role prior to login (less redundancy)
- JUnitTest implemented where possible
- Selenium Tests created to test the user interface
- The system now distinguishes between voter types
- Creation of a new security system – more info later on
- JavaDoc is used on most of the methods in the source code
- New tutorial written to ease up deployment

What we achieved

- It is no longer possible to vote and nominate at the same time (security enhancement)

- User actions are now confirmed with confirmation dialogues

- The JavaFX applet has been rewritten from scratch and is now lighter and faster (not yet fully functional)

- Decided to go for a web election for the academic senate

Privileged actions explained

Other commissioners

Confirmation

End Nominating

Commissioner wishes to end nomination (action requiring priviledge)

End Nominating

Email notification sent

Success / Rejection

Name	Id	nominating started	voting started		edit
MyTestEEvent	2	true	false	!! End of nominating was suggested !!	view

Future plans – 14 days

- Email notifications not implemented
- Final result generator – it will properly decide according to the rules who has been elected, who is the substitute and who has lost
- Timed election events - commissionaires will no longer have to start and end the election event manually the system will provide a service for that (may be postponed to a later date)
- Bettering of the analysis and design documents
- Creation of documents specified in SI2 and SI3

Thank you for your attention

http://code.google.com/p/evolby/