# A Front-End For Knowledge 2.0 Platform

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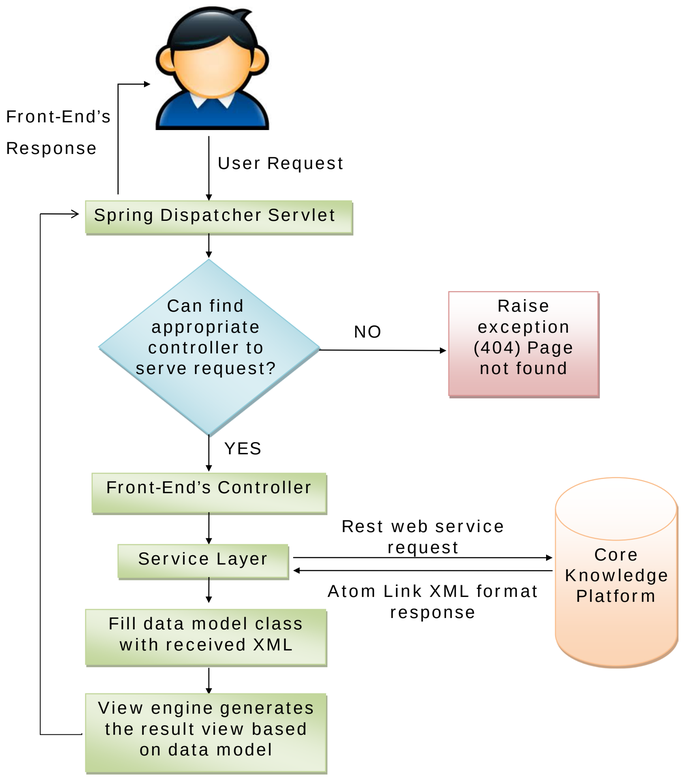
## The project goal was to provide a platform for disseminating scientific publication with respect to following features

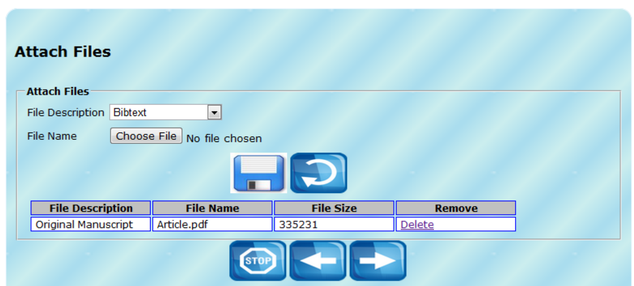
- Single/Double-blinded peer review mechanism
- Role-based security mechanism
- Search for Papers
- Cross-referencing
- Upload Publication and Supplementary Data
- Web 2.0 features (rating, tagging, linking, searching)
- Desktop functionality (Ajax, jQuery, DOM)

## Technologies used to develop Front-End

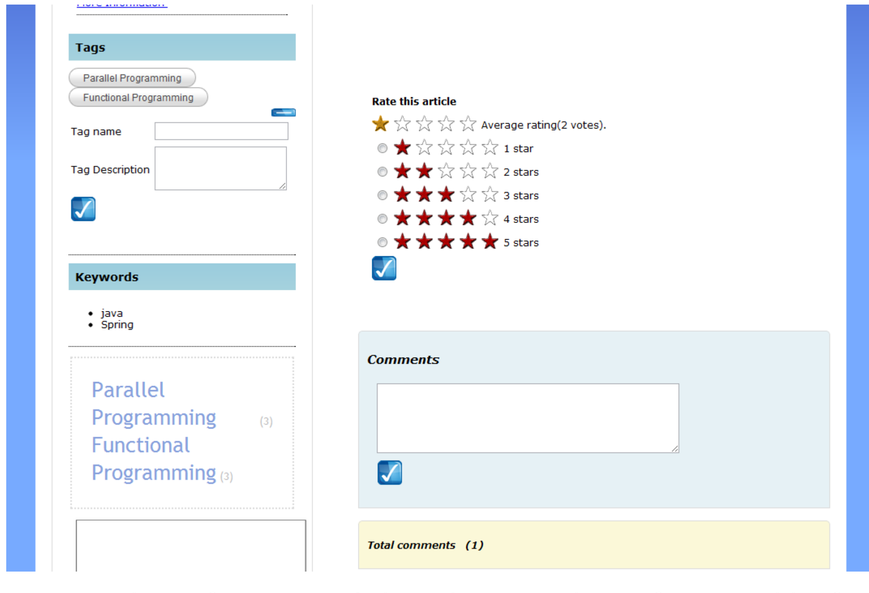
- Java Enterprise Edition(J2EE)
- Spring MVC Framework
- Apache Commons FileUpload
- Apache Tiles
- Hibernate Validator
- Rest Web Service




Request processing workflow of the Front-End




A sample step of the submitting manuscript wizard
Submitting manuscript wizard has six stages




A snapshot of Front-End that shows web 2.0 features like five star rating, tagging, tag cloud, commenting

## Conclusion

In summary, Using Web 2.0 techniques to mix social networking's features( such as communicate with text-based comments, good search functionality, navigation links, rating and tagging) with online peer review procedure, introduce a new concept that we can name it "*a social network for scholarly community*". The result provides an interactive and collaborative online platform for both knowledge producers (Author) and knowledge consumer (Reader). In this approach, Author gets feedback from experts(during peer review process) and readers(by web2.0 features such as rating, comment, tagging, etc)