THRILLIO – A SOCIAL BOOKMARKING APP

171210005
Akhil Narwal

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- Design Methodology
- Implementation
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- Conclusion
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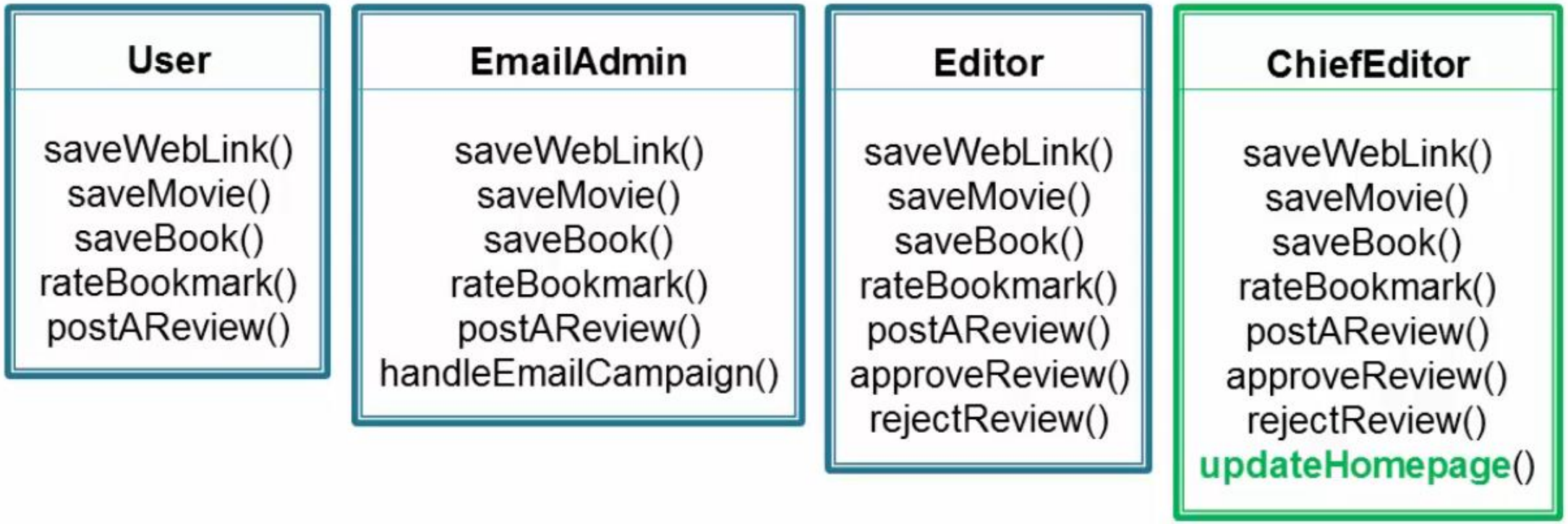
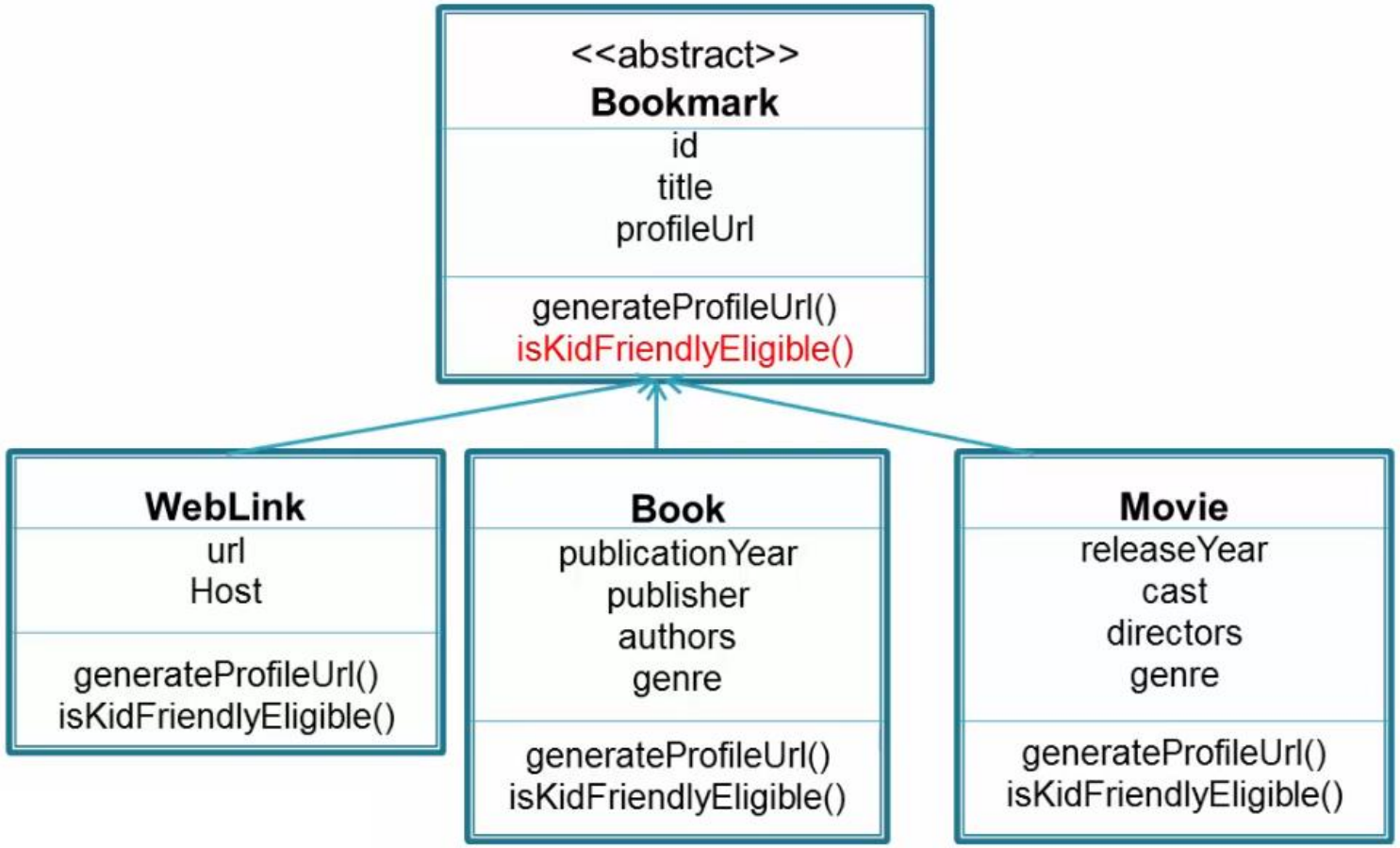
INTRODUCTION

- Social bookmarking application
- Marking kid-friendly bookmarks
- Sharing certain bookmarks

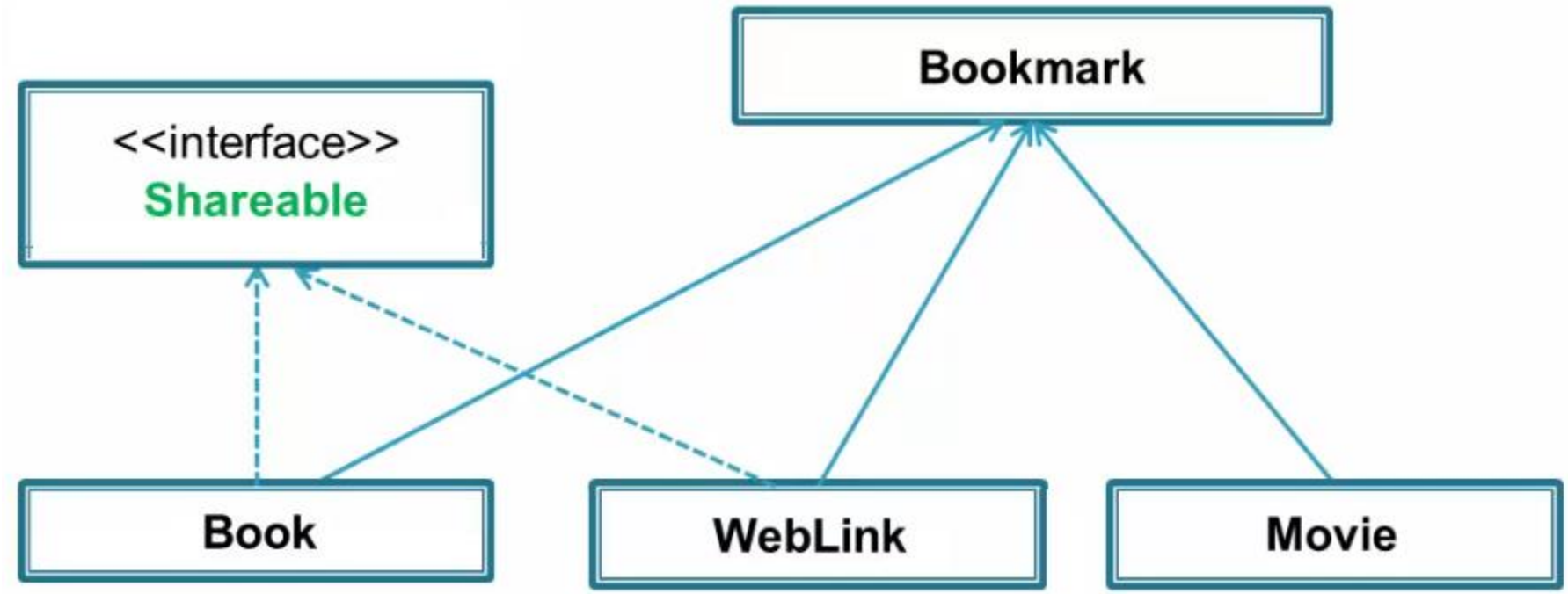
DESIGN METHODOLOGY – Entities Schema



DESIGN METHODOLOGY – Bookmark Schema



DESIGN METHODOLOGY – Shareable feature



DESIGN METHODOLOGY - ER

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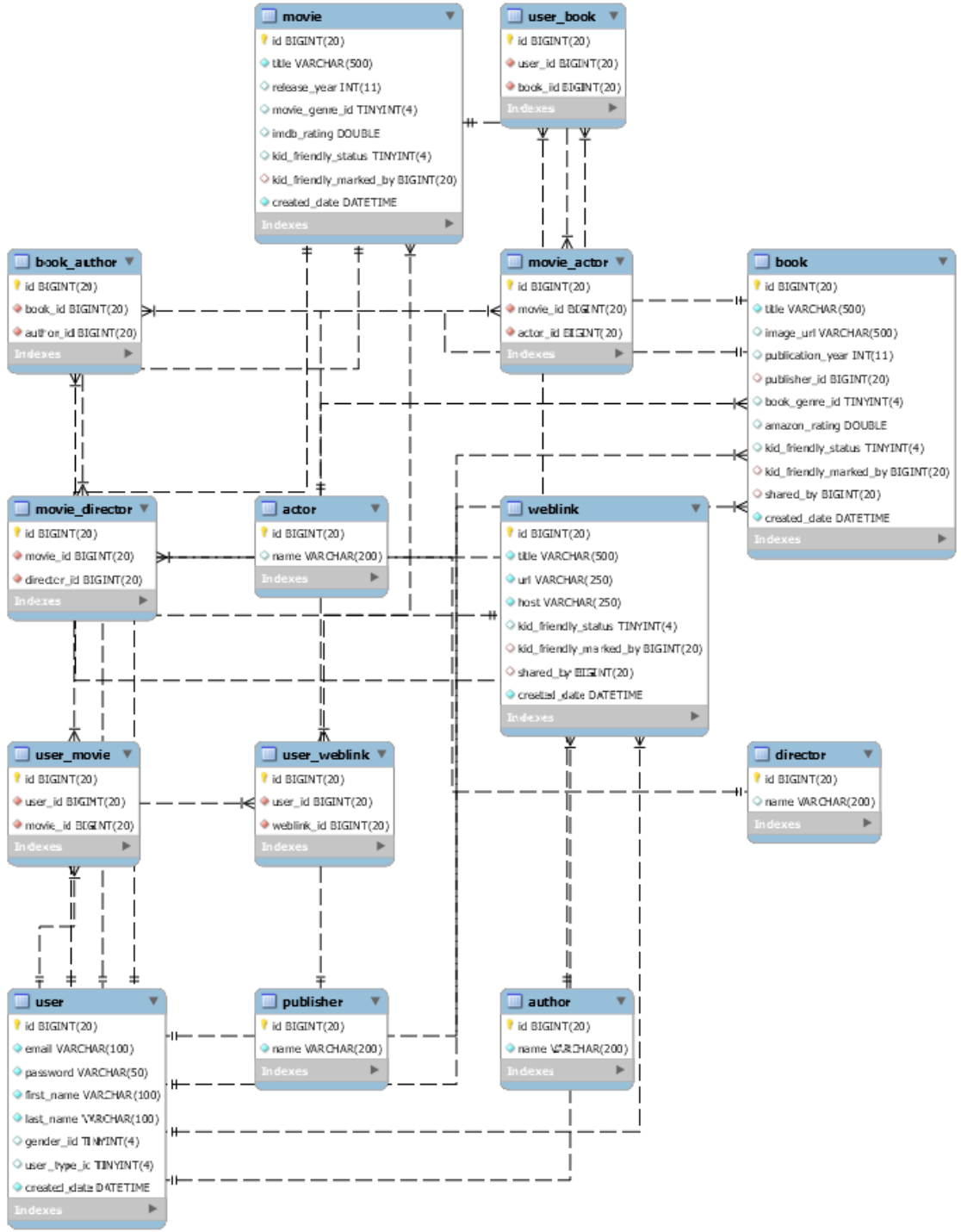
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movie_genre_id TINYINT(4)
imdb_rating DOUBLE
kid_friendly_status TINYINT(4)
kid_friendly_marked_by BIGINT(20)
created_date DATETIME
Indexes
user_book
id BIGINT(20)
user_id BIGINT(20)
book_id BIGINT(20)
Indexes
book_author
id BIGINT(20)
book_id BIGINT(20)
author_id BIGINT(20)
Indexes
movie_actor
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movie_id BIGINT(20)
actor_id BIGINT(20)
Indexes
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image_url VARCHAR(500)
publication_year INT(11)
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kid_friendly_marked_by BIGINT(20)
shared_by BIGINT(20)
created_date DATETIME
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movie_id BIGINT(20)
director_id BIGINT(20)
Indexes
actor
id BIGINT(20)
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Indexes
weblink
id BIGINT(20)
title VARCHAR(500)
url VARCHAR(250)
host VARCHAR(250)
kid_friendly_status TINYINT(4)
kid_friendly_marked_by BIGINT(20)
shared_by BIGINT(20)
created_date DATETIME
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movie_id BIGINT(20)
Indexes
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password VARCHAR(50)
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last_name VARCHAR(100)
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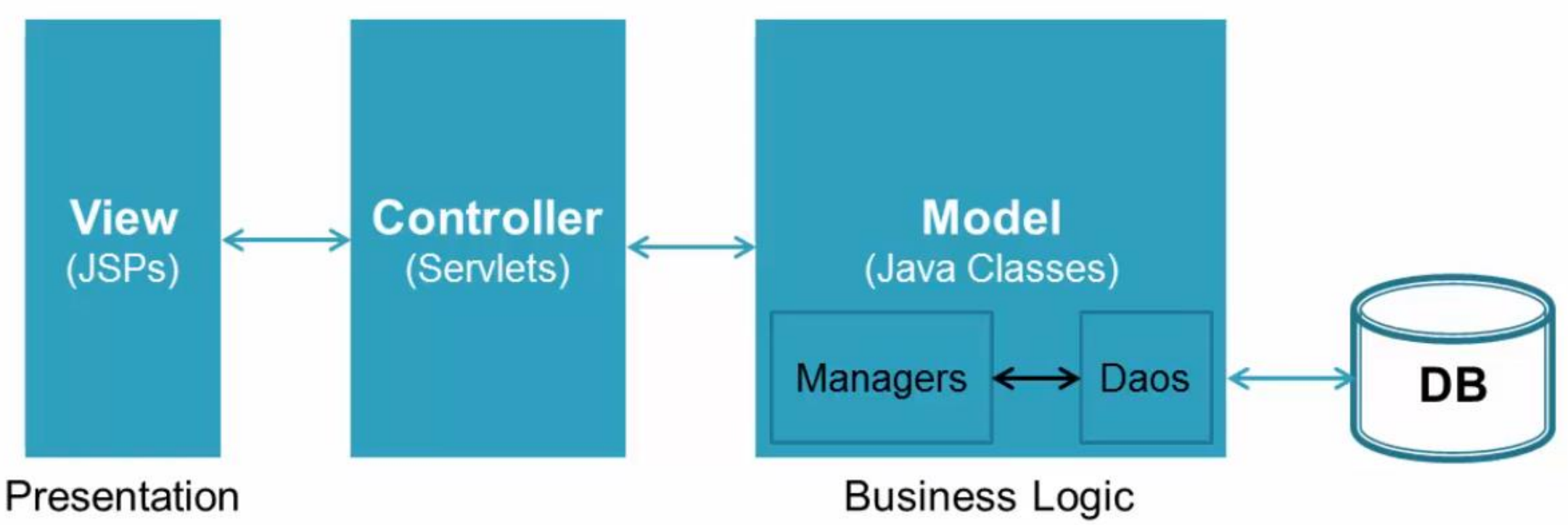
name VARCHAR(200)
Indexes
author
id BIGINT(20)
name VARCHAR(200)
Indexes

DESIGN METHODOLOGY – MVC Architecture



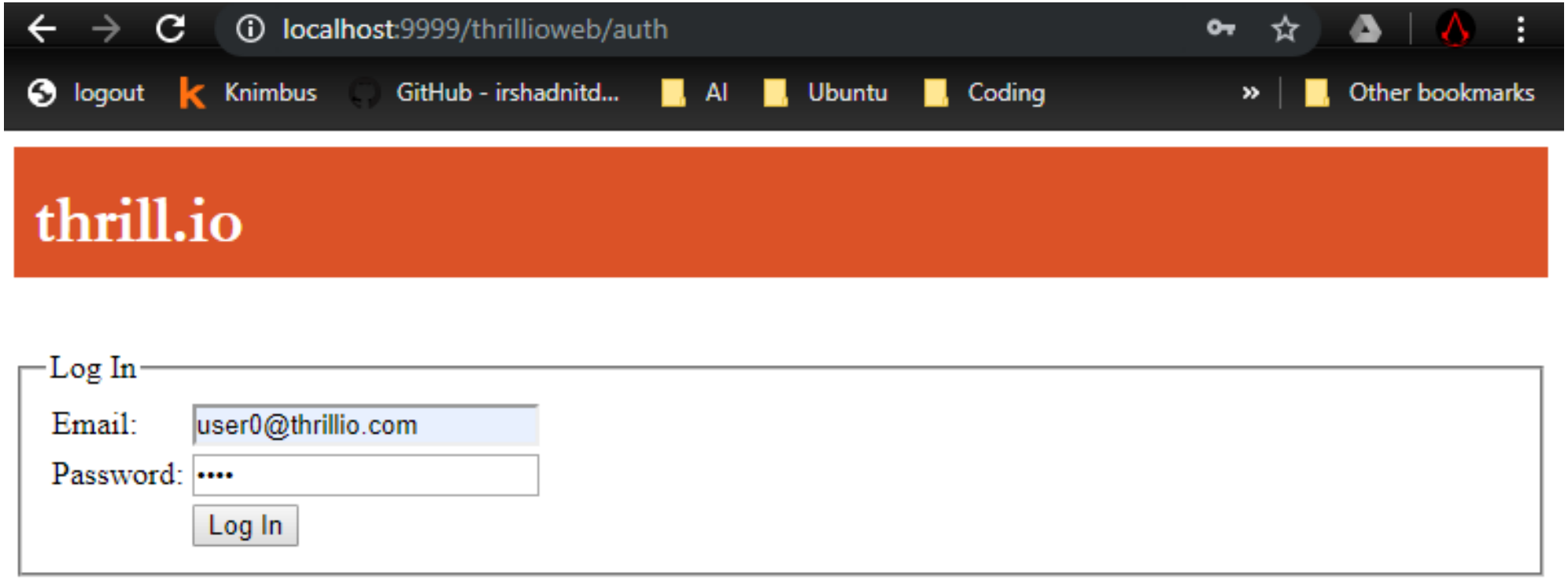
IMPLEMENTATION

- Java libraries
- JSP & JSTL
- Servlet
- Oracle’s MySQL Community edition

ADDITIONAL FEATURES USED

- Background processes
- Multithreading
- Test Driven Development

SNAPSHOTS – Login Screen



SNAPSHOTS – user bookmarks

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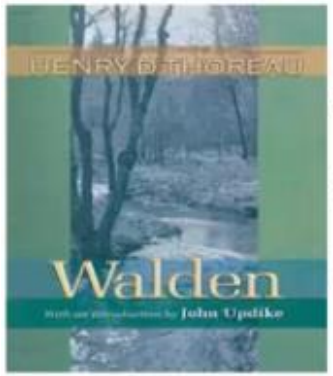
Browse

Saved Items



By Henry David Thoreau

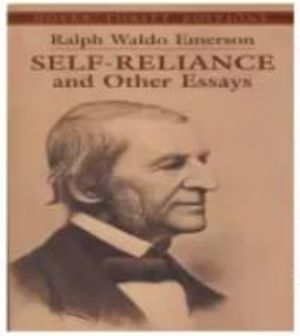
Rating: 4.3

Publication Year: 1854

SNAPSHOTS – browsing through bookmarks

thrill.io

My Boo

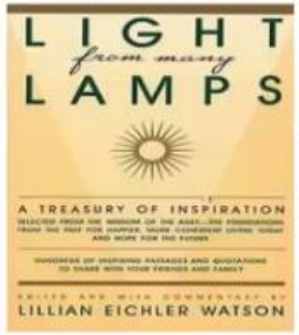


By Ralph Waldo Emerson

Rating: 4.5

Publication Year: 1993

Save



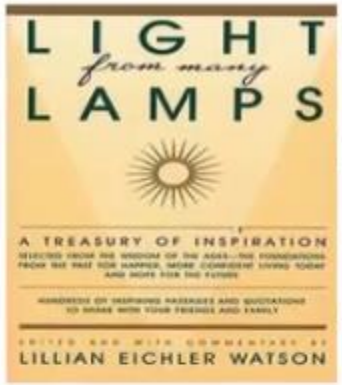
By Lillian Eichler Watson

Rating: 5.0

Publication Year: 1988

Save

SNAPSHOTS – saving a bookmark



By Lillian Eichler Watson

Rating: 5.0

Publication Year: 1988

Save

By Eric Freeman

Rating: 4.5

Publication Year: 2004

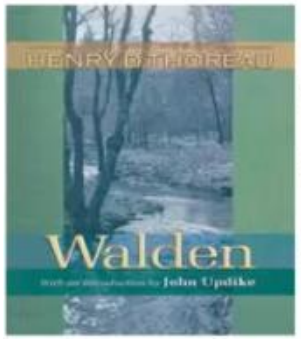
Save

SNAPSHOTS – new bookmark saved

thrill.io

Browse

Saved Items



By Henry David Thoreau

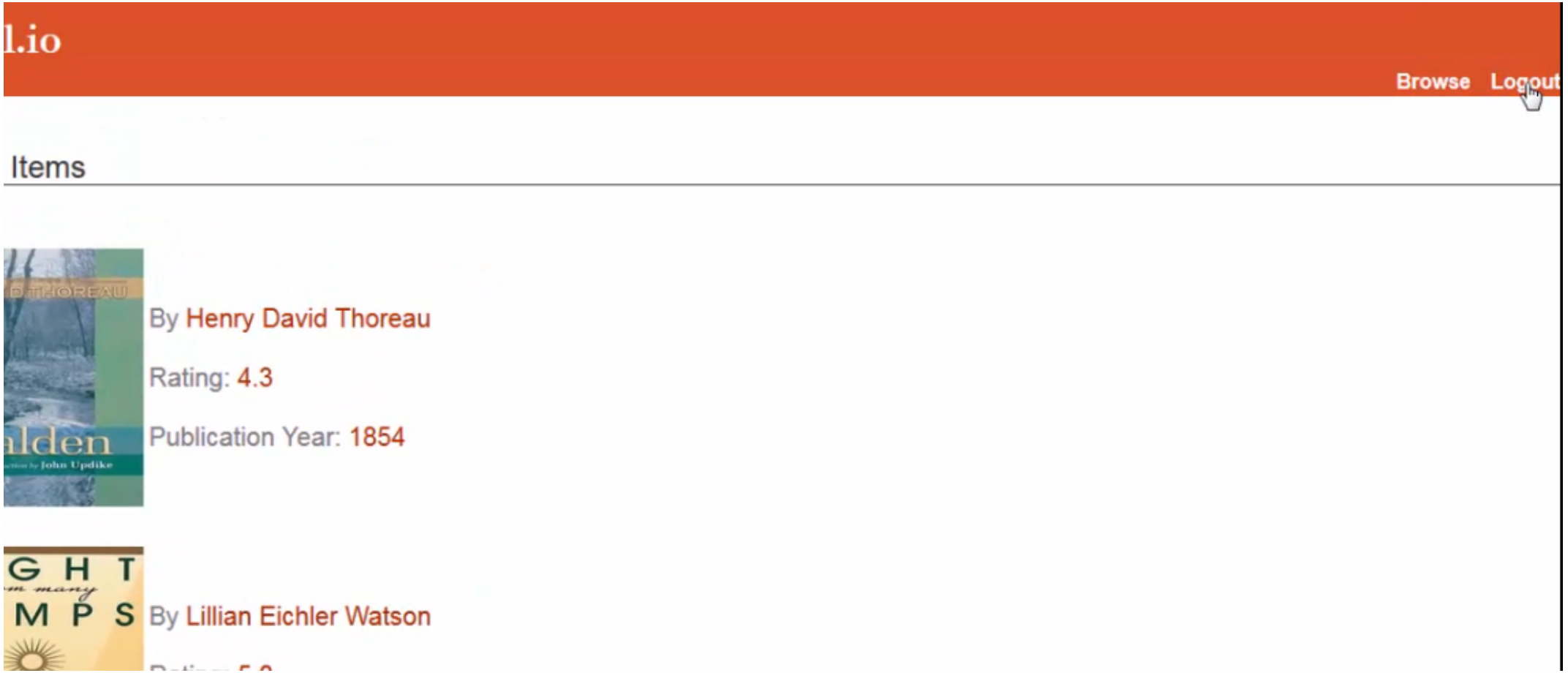
Rating: 4.3

Publication Year: 1854

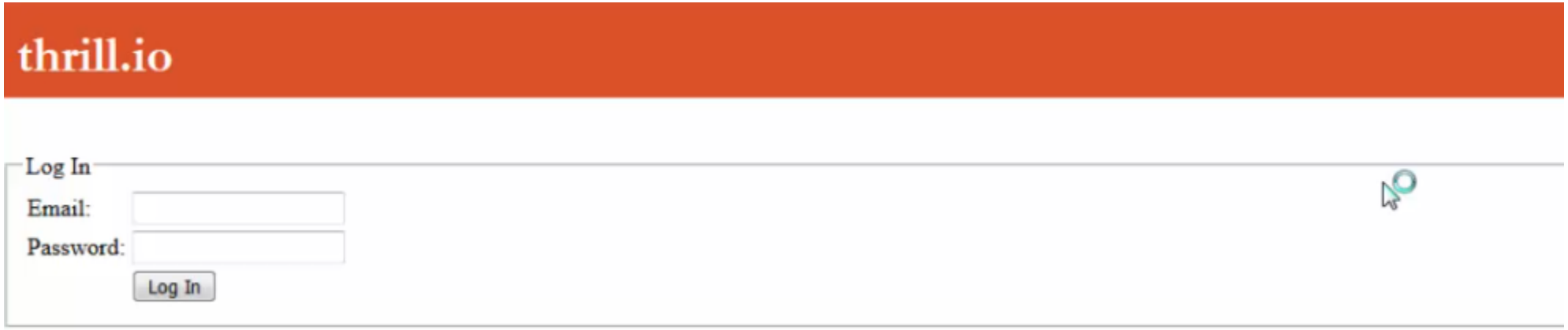
By Eric Freeman

Rating: 4.5

SNAPSHOTS –logging out



SNAPSHOTS – logged out



CONCLUSION

- Java Core and Advanced features
- Best coding practices and conventions
- MVC design pattern for extendibility
- Using servlets and api

REFERENCES

- Effective Java – Joshua J. Bloch
- Head First Java – Bert Bates & Kathy Sierra
- Head First Design Patterns: A Brain-Friendly Guide – Eric Freeman & Elizabeth Robson
- https://docs.oracle.com/javase/8/docs/api
- https://www.udemy.com/java-in-depth-become-a-complete-java-engineer/
- https://in.linkedin.com/in/dheerumundluru

THANK YOU