

Scrum Meeting, Sprint Planning Meeting Documentation for BooXChange

Software Engineering Course, Sem 6
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PREPARED FOR
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5th Feb 2020

Attendance:

- Everyone except Harshiv present

Agenda:

To decide on one particular software methodology and in-depth discussion on the product.

Discussion:

Technologies:

Frontend: ReactJs

Backend: Node.js

Database: MySQL

Scrum Model

- Why
 - The idea of a sprint is very relevant
 - Small-sized project
 - We can have a buffer in terms of backlog, especially since everyone has different electives

Agile Model

- Why not
 - A lot of participation of client is needed, but we as such don't have that
 - Competitive markets, where updates are needed regularly

Waterfall Model

- Why not
 - Because we cannot change things in-between

Spiral Model

- Why not: Because firstly lots of risk analysis is done at the starting of the project and is suitable for a very large project and failure in risk assessment may risk the whole project

Feature Driven Development Model

- Why not: Highly dependable on leading developers for complete structure planning and a small flaw can lead to the chaos of the whole development process

Scrum Master: Aman Dave

Project Lead: Meet Modi

12th Feb 2020

Attendance:

- Everyone except Aman present

Agenda:

Discuss basic client requirements

Discussion:

Client Expectations:

- A medium/platform for convenient exchange of books.
- Facility for lending books.
- Facility for requesting book.
- Facility for requesting in-person tutoring sessions.
- Facility for getting qualified for tutors.
- Facility for rating tutors.
- Security and verified accounts.

Admin Side:

- User Groups.
- Portal for addressing complaints.
- Portal for managing and deleting fraudulent users.
- Portal for managing promotional and monetary issues.

Stakeholders:

- Students across various Universities.
- Readers.
- Those who want to tutor various topics and chapters.
- People willing to lend/rent their books and handwritten notes.
- Librarians of various universities who request books for some days. (not decided)

Multiple Viewpoints (Reviews):

- Take Data from Google Form and value proposition canvas.

19th Feb 2020

Attendance:

- Everyone except Shantanu present

Agenda:

1. Discuss the timeline, create the first Sprint and assign tasks.

Discussion:

Teams:

- Backend:
 - **Jainam**
 - Harshiv
- Frontend:
 - **Aman**
 - Shantanu
 - Aditya
- Database:
 - **Meet**
 - Dhairya

Architecture/System Design:

- A home page with three different tabs
 - Books
 - Handwritten Notes
 - Tutorials
- It will be a list view with basic metadata being displayed
- On clicking a particular item, it will open a detailed page of that particular item
- A different /admin page
 - List of reported users
 - Two different tabs
 - Incoming issues
 - Resolved issues

Sprint:

Backend: Create the node app

Frontend: Wireframe for the app

Database: Create a schema for the app

4th March 2020

Attendance:

- Everyone

Agenda:

2. Discuss the past sprint blocker, create a new Sprint and assign tasks.
3. Discuss data flow in terms of API calls and UI transitions

Discussion:

- Most of the blockers were cleared
- List of APIs was prepared and basic skeleton was discussed
- UI flow from a user's perspective was discussed

Sprint:

Backend: Create the node app

Frontend: Wireframe for the app

Database: Create a schema for the app

11th March 2020

Attendance:

- Everyone

Agenda:

4. Discuss the past sprint blocker, create a new Sprint and assign tasks.
5. Discuss homepage UI with basic routings
6. Extended discussion on Database

Discussion:

- Most of the blockers were cleared
- Routing on the frontend was discussed
- Database was redefined
- Stored procedures and
-

Sprint:

Frontend: Home Page UI, basic routing
Backend: Basic CRUD APIs

25th March 2020

Attendance:

- Everyone

Agenda:

7. Discuss the past sprint blocker, create a new Sprint and assign tasks.
8. Discuss homepage UI with basic routings
9. Extended discussion on Database

Discussion:

- Most of the blockers were cleared
- Routing on the frontend was discussed
- Database was redefined
- Stored procedures was discussed
- Pivot in database technology from MySQL to MongoDB
 - Documents stored in MongoDB are in the form of JSON (javascript object notation).
 - Better compatibility of MongoDB with javascript

Sprint:

Frontend: Home Page UI, basic routing

Backend: Basic CRUD APIs

2nd April 2020

Attendance:

- Everyone

Agenda:

- Start discussing sprint tasks and define documentation tasks

Discussion:

1. ER at Physical Level
 - a. Meet Modi
2. Database Convention
 - a. Meet Modi
3. System Architectural Diagram
 - a. Meet Modi, Aman Dave, Jainam Chhatbar
4. Screen Design [Pen/Pencil or Tool]
 - a. Aman Dave
5. Test Plan Document of Non-functional Requirements
 - a. Shantanu Sheth, Harshiv Patel
 - b. We can find this document/information on the internet
6. Coding Standard Document
 - a. Aman Dave, Jainam Chhatbar
 - Design Document:
 - 1, 2 and 3
 - 12/15th April + Test Plan

13th April 2020 [Sprint]

Front-end:

- Create containers for react app
- Create redux store for react app
- Create homepage
- Create Navbar
- Create Footer
- Define Actions and Reducers

Back-end:

- Discuss the details of database configuration
- Create MongoDB cluster on Atlas
- Defining User schema
- CRUD APIs for User resource
- Authenticating APIs:
 - Configuring JSON web token

Discussion:

- Small changes on UI
- Data flow for Admin side
- API discussion

Backlog:

- Front-end:
 - Redux store
 - User Actions and User
 - Reducers
- Back-end:
 - Authenticating endpoints

20th April 2020 [Sprint]

Front-end:

- Backlog of Sprint 1
- Create Items-List view: price filter and keyword filter
- Create Items page
- Create admin components: add, update, delete items
- Loading images
- Create the checkout flow

Back-end:

- Backlog of Sprint 1
- Writing middleware for user routes
- Bcrypt.js for encryption of user data
- Defining Product Schema
- CRUD APIs for product resource

Discussion:

- Individual APIs for:
 - Items page
 - Items-List page

Backlog:

- Front-end:
 - Filters
 - Export to CSV for admin page
 - Checkout individual pages
- Back-end:
 - Bcrypt.js
 - Update/Delete endpoints for product resource

27th April 2020 [Sprint]

Front-end:

- Redux store
- User Actions
- Complete remaining Reducers
- Filters
- Checkout individual pages
- Export to CSV for admin page

Back-end:

- Authenticating endpoints
- Bcrypt.js
- Update/Delete endpoints for product resource
- Defining Order Schema
- CRUD APIs for order resource

Discussion:

- Conversation about APIs schema
- Authentication about Users
- Admin Orders table

Backlog:

- Front-end:
 - Extra reducers
 - Add some actions
 - Breadcrumbs for pages
- Back-end:
 - Bcrypt.js
 - Update/Delete endpoints for order resource

4th May 2020 [Sprint]

Front-end:

- Create cart
- Redefine logout flow
- Improve footer and Homepage
- Refine checkout components and containers
- Log all the orders

Back-end:

- Configuring crypto.js
- Defining log schema
- Adding log functionality to each CRUD API
- Read resource endpoint for log
- Defining Admin Schema
- Authenticating some APIs for Admin

Discussion:

- Final flow discussion
- Final Testing

Backlog:

- Front-end:
 - Minor bug for checkout
- Back-end:
 - Cart API