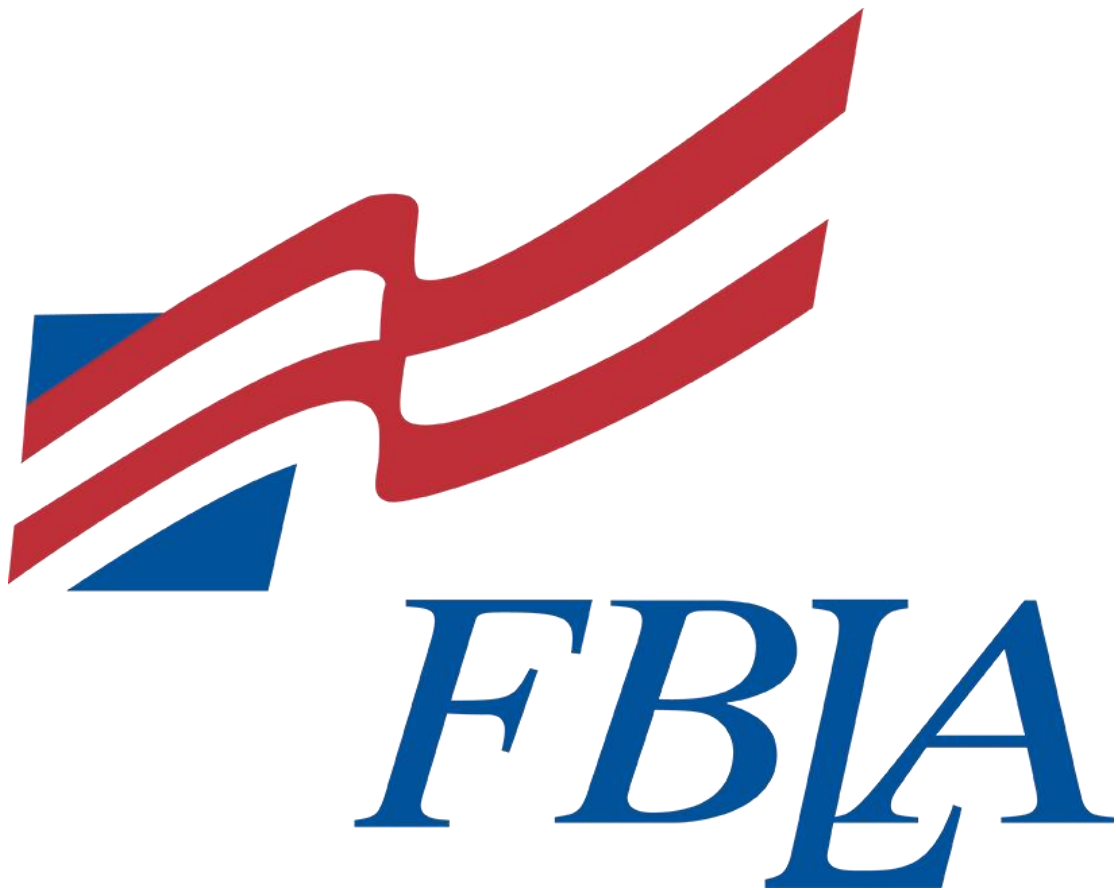


Tomely Technology Specifications



Vennela Gudlavenkatasiva

FBLA 2017 -2018 Mobile Application Development (NLC Submission)

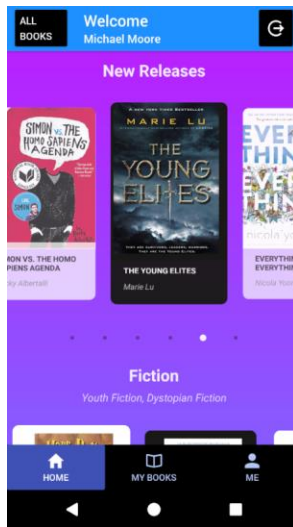
Tomely Technology Specifications

Below is a list of different technologies, react native dependencies that are used by the Tomely team to develop this mobile application.

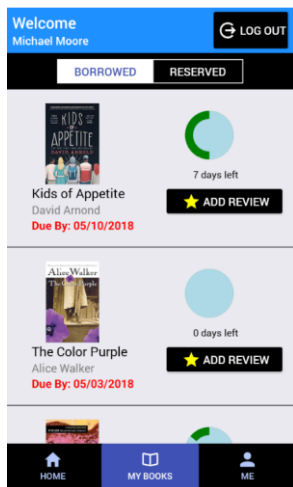
1. React Native and other module Dependencies

```
21  "dependencies": {
22    "axios": "^0.18.0",
23    "babel-plugin-transform-remove-console": "^6.9.1",
24    "buffer": "^5.0.8",
25    "color": "~1.0.3",
26    "firebase": "^4.6.2",
27    "lodash": "^4.17.4",
28    "moment": "^2.20.1",
29    "native-base": "2.3.1",
30    "react": "16.2.0",
31    "react-dom": "^16.3.0",
32    "react-moment": "^0.7.0",
33    "react-native": "^0.52.0",
34    "react-native-autocomplete-input": "^3.5.0",
35    "react-native-datepicker-dialog": "0.0.8",
36    "react-native-dialog-component": "^0.2.17",
37    "react-native-elements": "^0.18.5",
38    "react-native-fast-image": "^4.0.0",
39    "react-native-fetch-blob": "^0.10.8",
40    "react-native-firebase": "^3.3.1",
41    "react-native-form-validator": "^0.2.0",
42    "react-native-image-picker": "^0.26.7",
43    "react-native-linear-gradient": "^2.4.0",
44    "react-native-mail": "^3.0.5",
45    "react-native-mailcore": "0.0.1",
46    "react-native-modal": "^4.1.1",
47    "react-native-modal-dropdown": "^0.6.1",
48    "react-native-modalbox": "^1.4.2",
49    "react-native-popup-dialog": "^0.10.44",
50    "react-native-progress-circle": "^2.0.0",
51    "react-native-ratings": "^5.3.0",
52    "react-native-root-modal": "^2.2.0",
53    "react-native-router-flux": "^4.0.0-beta.24",
54    "react-native-simple-radio-button": "^2.7.0",
55    "react-native-snap-carousel": "^3.6.0",
56    "react-native-square-grid": "^1.0.4",
57    "react-native-star-rating": "^1.0.8",
58    "react-native-table-component": "^1.1.3",
59    "react-native-uuid": "^1.4.9",
60    "react-native-vector-icons": "^4.5.0",
61    "react-navigation": "1.0.0-beta.11",
62    "react-redux": "^5.0.6",
63    "react-slick": "^0.22.3",
64    "redux": "^3.7.2",
65    "redux-thunk": "^2.2.0",
66    "slick-carousel": "^1.8.1",
67    "tcomb-form-native": "^0.6.11"
```

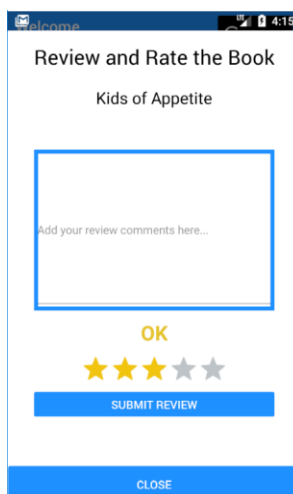
Below are examples of some the packages contributed by the React Native OpenSource community that were extended, customized and used in the development of Tomely application.



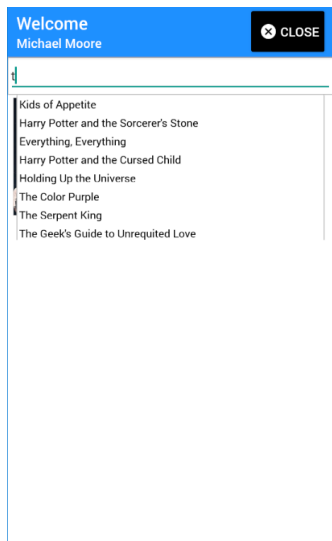
The carousel sliding effect on the Home Page was developed by customizing the “**react-native-snap-carousel**” package. More details can be found at <https://github.com/archriss/react-native-snap-carousel>



The PIE representation to display the remaining number of days for the borrowed booked was developed using “**react-native-progress-circle**” opensource package. More details can be found at <https://www.npmjs.com/package/react-native-progress-circle>



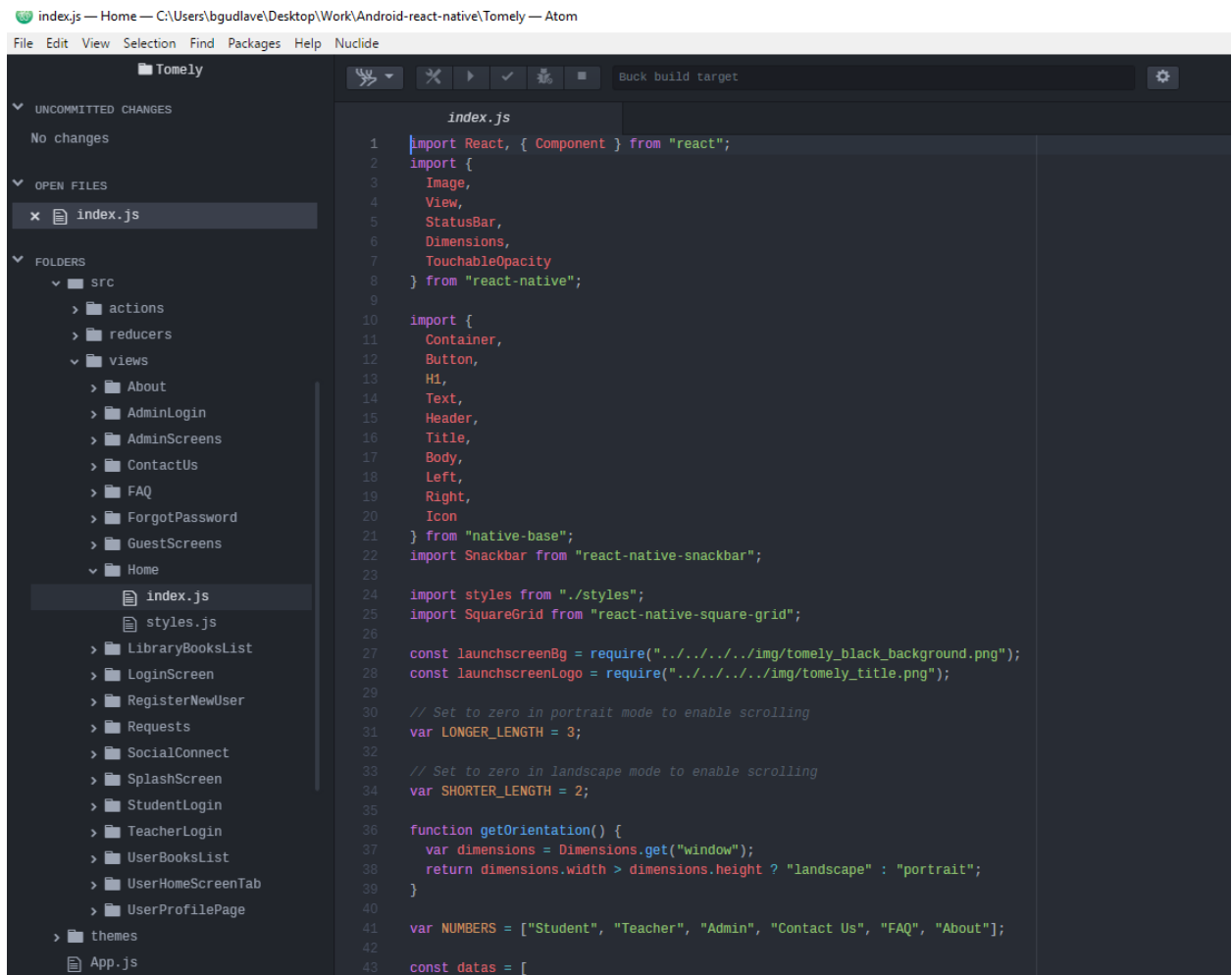
The **Add Review** functionality was developed by extending the opensource package “**react-native-star-rating**”. More details can be found at <https://github.com/djchie/react-native-star-rating>



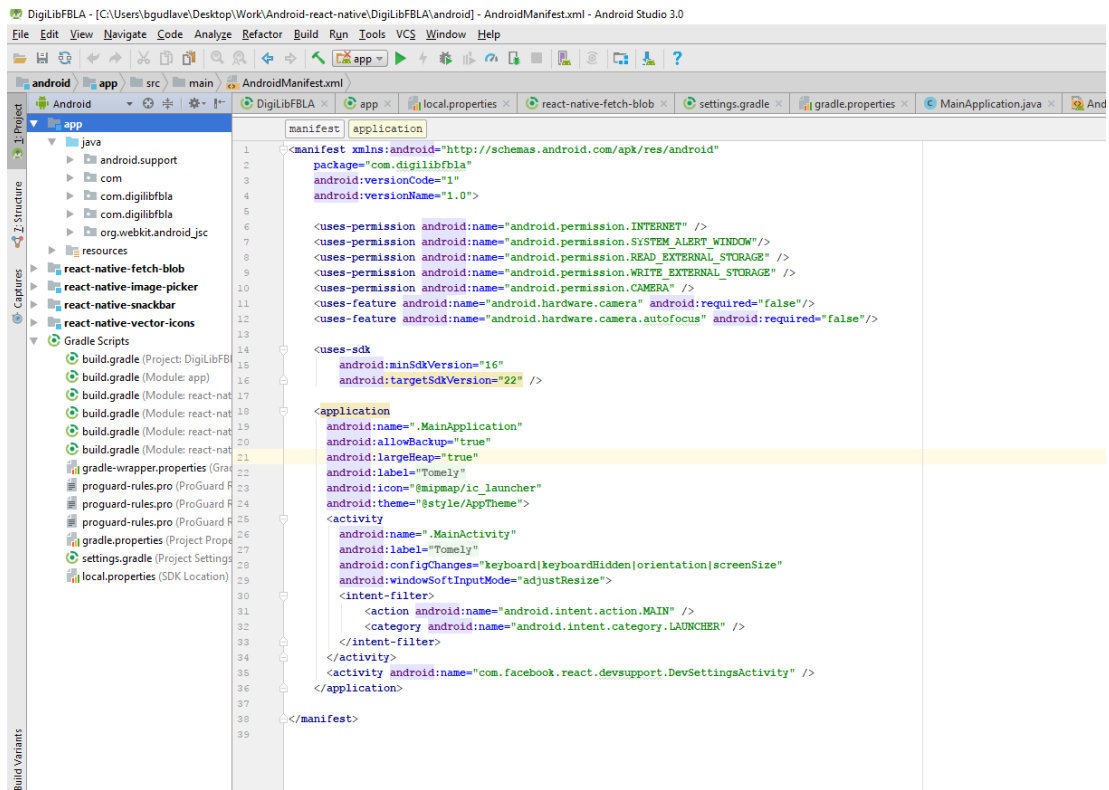
The “Autocomplete” search functionality was developed by extending the opensource package “[react-native-autocomplete-input](https://github.com/l-urence/react-native-autocomplete-input)”. More details can be found at <https://github.com/l-urence/react-native-autocomplete-input>

Tomely team greatly appreciates and thanks the React Native opensource community for contributing different modules/packages.

2. Atom Editor 1.23.3



3. Android Studio



4. Android Emulator API 25 used for developing and unit testing the application

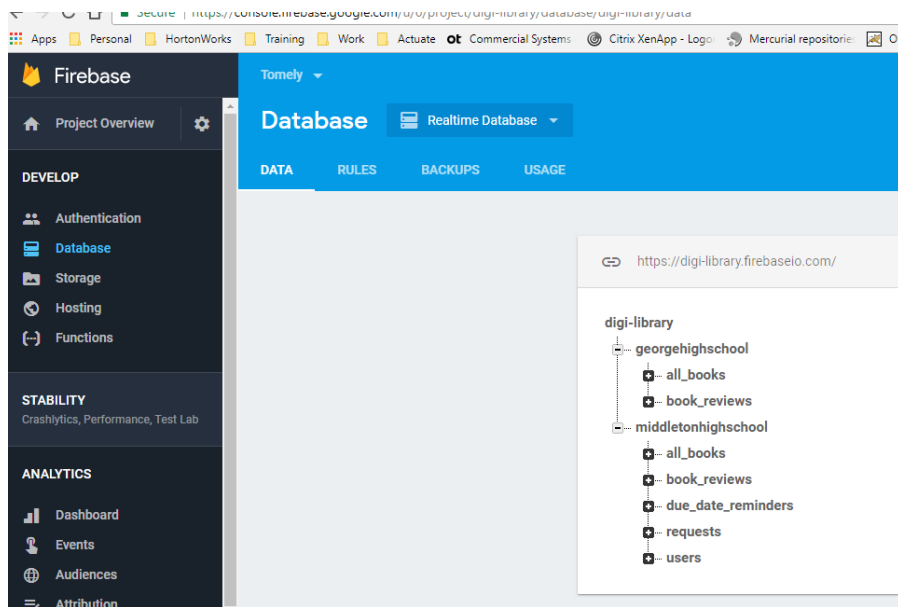
Android Virtual Device Manager

Your Virtual Devices
Android Studio

Type	Name	Play Store	Resolution	API	Target	CPU/ABI	Size on Disk	Actions
	Nexus New Device API 25		1080 x 1920: xhdpi	25	Android 7.1.1 (Google APIs)	x86	1 GB	



5. Google firebase – A Realtime Database



6. Microsoft Office
7. MS Paint
8. Google Chrome/Firefox browser