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Wings1 T1 Mini-project - ReactJS Application

Open **Project** folder (you can find in desktop) in VS Code application

ReactJs:

Type below code in `"/Desktop/Projects/wings.../ReactJs/src/App.js"` file:

```
import React, { Component } from "react";

class App extends Component {

  state = {
    newTitle: "",
    newDescription: "",
    newTopic: "",
    AddedAgenda: [
      {
        title: "Angular",
        description: "Some description about the angular",
        topics: ["Introduction", "Typescript", "Why Angular?",
"Understanding Versions", "Fundamentals"]
      },
      {
        title: "Vue",
        description: "Some description about the vue",
        topics: ["Introduction", "Javascript", "Why Vue?", "Vue
Bindings", "Component Interaction"]
      }
    ],
    topicsArr: [],
    showAgendaBlock: false
  }

  changeFun = e => {
    const value = e.target.value;
    const name = e.target.name;
    this.setState({ [name]: value })

  }

  topicFun = () => {
    this.state.topicsArr.push(this.state.newTopic)
    this.setState({ newTopic: "" });
  }

  agendaFun = () => {
    var agenda = {
```

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```
        title: this.state.newTitle,
        description: this.state.newDescription,
        topics: this.state.topicsArr

    }
    this.setState({ newTitle: "" })
    this.setState({ newDescription: "" })
    this.setState({ newTopics: "" })
    this.setState({ topicsArr: [] })
    this.state.AddedAgenda.push(agenda)

}

formChec = (e) => {
    e.preventDefault()
}

checkAgendaFun = () => {
    this.state.showAgendaBlock === false ? this.setState({ showAgendaBlock:
true }) : this.setState({ showAgendaBlock: false })
}

render() {
    return (
        <div>
            <h1 className="mx-5 mb-5">Agenda Manager</h1>

            {!this.state.showAgendaBlock &&
                <div className="container" role="addAgenda">
                    <button className="btn btn-info"
onClick={this.checkAgendaFun} role="goToView">Click To View Agenda</button>
                    <form onSubmit={this.formCheck}>
                        <div className="my-3">
                            <label className="form-label">Title</label>

                            <input type="text" name="newTitle"
placeholder="Enter the title" className="form-control" role="inputTitle"
value={this.state.newTitle} onChange={this.changeFun} />
                            <small className="text-danger" data-
testid="invalidTitle">
                                {this.state.newTitle.trim().length === 0 ?
                                "Title is required" : ""}
                            </small>
                        </div>
                        <div className="my-3">
                            <label className="form-label">Description</label>
```

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```

        <input type="text" name="newDescription"
placeholder="Enter the description" className="form-control"
role="inputDescription" value={this.state.newDescription}
onChange={this.changeFun} />
        <small className="text-danger" data-
testid="invalidDescription">
            {this.state.newDescription.trim().length ===
0 ? "Description is required" : ""}
        </small>
    </div>
    <div className="my-3 w-50">
        <label className="form-label">Enter topic</label>

        <input type="text" name="newTopic"
placeholder="Enter the topic" className="form-control" role="inputTopic"
value={this.state.newTopic} onChange={this.changeFun} />
        <small className="text-danger" data-
testid="invalidTopic">
            {this.state.newTopic.trim().length === 0 &&
this.state.topicsArr.length === 0 ? "Topic is required" : ""}
        </small>
    </div>

    <button className="btn btn-success addAlign"
role="addTopicBtn" onClick={this.topicFun}
disabled={this.state.newTopic.trim().length === 0}>+ Add Topic</button>

    <button className="btn btn-success submitAlign"
role="submitAgendaBtn" onClick={this.agendaFun}
disabled={this.state.newTitle.trim().length === 0 ||
this.state.newDescription.trim().length === 0 || this.state.topicsArr.length ===
0} >Submit Agenda</button>
    </form>

    {this.state.topicsArr.length === 0 &&
        <div className="text-danger ml-2 mt-5" data-
testid="noTopicsMsg">
            No Topics Added
        </div>
    }
    {this.state.topicsArr.length !== 0 &&
        <div className="card my-3">
            <div className="card-header">Added Topics</div>

```

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```

        <div className="card-body">
          <ul className="list-group">
            {this.state.topicsArr.map(topic => {
              return (
                <li className="list-group-item"
role="topicList">{topic}</li>
              )
            })}
          </ul>
        </div>
        <div className="card-footer">Refer the topics you
added</div>
      </div>
    }
  </div>

  {this.state.showAgendaBlock &&
    <div className="container" role="viewAgenda">
      <button className="btn btn-info" role="goToAdd"
onClick={this.checkAgendaFun}>Click To Add Agenda</button>
      {this.state.AddedAgenda.map(agenda => {
        return (
          <div className="card my-3" role="cards">
            <div className="card-header">
              {agenda.title}
            </div>
            <div className="card-body">
              <ul className="list-group">
                {agenda.topics.map(topic => {
                  return (
                    <li className="list-group-
item">
                      {topic}
                    </li>
                  )
                })}
              </ul>
            </div>
            <div className="card-footer">

```

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```
        {agenda.description}
      </div>
    </div>

  )
  })}

    </div>
  }
</div>
);
}

}

export default App;
```

Install project dependencies by using `sh install.sh` command in the terminal and to run the application by using `sh run.sh`
To test the application `sh test.sh`