

SOURCE CODE

```
package
{
  "name": "drug-tracking",
  "version": "0.1.0",
  "private": true,
  "dependencies": {
    "@testing-library/jest-dom":
    "^5.17.0",
    "@testing-library/react":
    "^13.4.0",
    "@testing-library/user-event":
    "^13.5.0",
    "ethers": "^5.6.6",
    "react": "^18.2.0",
    "react-bootstrap": "^2.8.0",
    "react-dom": "^18.2.0",
    "react-scripts": "5.0.1",
    "web-vitals": "^2.1.4"
  },
  "scripts": {
```

```
"start": "react-scripts start",
"build": "react-scripts build",
"test": "react-scripts test",
"eject": "react-scripts eject"
},
"eslintConfig": {
  "extends": [
    "react-app",
    "react-app/jest"
  ]
},
"browserslist": {
  "production": [
    ">0.2%",
    "not dead",
    "not op_mini all"
  ],
  "development": [
    "last 1 chrome version",
    "last 1 firefox version",
    "last 1 safari version"
```

```
    ]  
  }  
}  
{  
  "name": "drug-tracking",  
  "version": "0.1.0",  
  "lockfileVersion": 2,  
  "requires": true,  
  "packages": {  
    "": {  
      "name": "drug-tracking",  
      "version": "0.1.0",  
      "dependencies": {  
        "@testing-library/jest-dom":  
" ^5.17.0",  
        "@testing-library/react":  
" ^13.4.0",  
        "@testing-library/user-event":  
" ^13.5.0",  
        "ethers": " ^5.6.6",  
        "react": " ^18.2.0",  
        "react-bootstrap": " ^2.8.0",
```

```
    "react-dom": "^18.2.0",  
    "react-scripts": "5.0.1",  
    "web-vitals": "^2.1.4"  
  }  
},
```

```
"node_modules/@aashutoshrathi/  
word-wrap": {  
  "version": "1.2.6",  
  "resolved":  
    "https://registry.npmjs.org/@aash  
utoshrathi/word-wrap/-/word-  
wrap-1.2.6.tgz",  
  "integrity": "sha512-1Yjs2SvM8TfIER/OD3cOjhWWOZb  
58A2t7wpE2S9XfBYTill+XFhQG2bjy  
4Pu1l+EAICNUzRDYDdFwFYUKvXc  
lA==",  
  "engines": {  
    "node": ">=0.10.0"  
  }  
},
```

```
"node_modules/@adobe/css-  
tools": {  
  "version": "4.3.1",  
  "resolved":  
    "https://registry.npmjs.org/@adobe/css-tools/-/css-tools-4.3.1.tgz",  
  "integrity": "sha512-  
/62yikz7NLScCGAAST5SHdnjaDJQ  
BDq0M2muyRTpf2VQhw6StBg2AL  
iu73zSJQ4fMVLA+0uBhBHAlE7Wg  
+2kSg=="  
},  
"node_modules/@alloc/quick-  
lru": {  
  "version": "5.2.0",  
  "resolved":  
    "https://registry.npmjs.org/@alloc/quick-lru/-/quick-lru-5.2.0.tgz",  
  "integrity": "sha512-  
UrcABB+4bUrFABwbluTIBErXwvbsU  
/V7TZWfmbgJfbkwiBuziS9gxdODU  
yuiecfDGQ85jglMW6juS3+z5TsKLw  
==",  
  "engines": {
```

```
    "node": ">=10"
  },
  "funding": {
    "url":
"https://github.com/sponsors/sindresorhus"
  }
},

"node_modules/@ampproject/remapping": {
  "version": "2.2.1",
  "resolved":
"https://registry.npmjs.org/@ampproject/remapping/-
/remapping-2.2.1.tgz",
  "integrity": "sha512-IFMjJTrFL3j7L9yBxwYfCq2k6qqwHy
zuUl/XBnif78PWTJYyL/dfowQHWE
3sp6U6ZzqWiilZnpTMO96zhkjwtg=
=",
  "dependencies": {
    "@jridgewell/gen-mapping":
"^0.3.0",
```

```
    "@jridgewell/trace-  
mapping": "^0.3.9"
```

```
  },
```

```
  "engines": {
```

```
    "node": ">=6.0.0"
```

```
  }
```

```
},
```

```
"node_modules/@babel/code-  
frame": {
```

```
  "version": "7.22.10",
```

```
  "resolved":
```

```
"https://registry.npmjs.org/@babe  
l/code-frame/-/code-frame-  
7.22.10.tgz",
```

```
  "integrity": "sha512-  
/KKIMG4UEL35Wml9OlvMhurwtytj  
vXoFcGNrOvyG9zIzA8YmPjVtIZUf7  
b05+TPO7G7/GEmLHDaoCgACHl  
9hhA==",
```

```
  "dependencies": {
```

```
    "@babel/highlight":  
    "^7.22.10",
```

```
    "chalk": "^2.4.2"
  },
  "engines": {
    "node": ">=6.9.0"
  }
},
```

```
"node_modules/@babel/compat-
-data": {
  "version": "7.22.9",
  "resolved":
  "https://registry.npmjs.org/@babe
l/compat-data/-/compat-data-
7.22.9.tgz",
  "integrity": "sha512-
5Uaml7xkUcJ3i9qVDS+KFDEK8/7o
J55/sJMB1Ge7lEapr7KfdfV/HErR+
koZwOfd+SgtFKOKRhRakdg++Dc
JpQ==",
  "engines": {
    "node": ">=6.9.0"
  }
},
```



```
"node_modules/@babel/core":
{
  "version": "7.22.10",
  "resolved":
  "https://registry.npmjs.org/@babel/
  core/-/core-7.22.10.tgz",
  "integrity": "sha512-
  fTmqbbUBAwCcre6zPzNngvsl0aN
  rPZe77AeqvDxWM9Nm+04RrJ3C
  AmGHA9f7IJQY6ZMhRztNemy4usl
  DxTX4Qw==",
  "dependencies": {
    "@ampproject/remapping":
    "^2.2.0",
    "@babel/code-frame":
    "^7.22.10",
    "@babel/generator":
    "^7.22.10",
    "@babel/helper-
    compilation-targets": "^7.22.10",
    "@babel/helper-module-
    transforms": "^7.22.9",
    "@babel/helpers": "^7.22.10",
    "@babel/parser": "^7.22.10",
```

```
    "@babel/template":
    "^7.22.5",
    "@babel/traverse":
    "^7.22.10",
    "@babel/types": "^7.22.10",
    "convert-source-map":
    "^1.7.0",
    "debug": "^4.1.0",
    "gensync": "^1.0.0-beta.2",
    "json5": "^2.2.2",
    "semver": "^6.3.1"
  },
  "engines": {
    "node": ">=6.9.0"
  },
  "funding": {
    "type": "opencollective",
    "url":
    "https://opencollective.com/babel"
  }
},
```

```
"node_modules/@babel/core/node_modules/semver": {
  "version": "6.3.1",
  "resolved":
    "https://registry.npmjs.org/semver/-/semver-6.3.1.tgz",
  "integrity": "sha512-BR7VvDCVHO+q2xBEWskxS6DJE1qRnb7DxzUrogb71CWoSficBxYsiAGd+Kl0mmq/MprG9yArRkyrQxTO6XjMzA==",
  "bin": {
    "semver": "bin/semver.js"
  },
},
"node_modules/@babel/eslint-parser": {
  "version": "7.22.10",
  "resolved":
    "https://registry.npmjs.org/@babel/eslint-parser/-/eslint-parser-7.22.10.tgz",
```

```
    "integrity": "sha512-0J8DNPRXQRLeR9rPaUMM3fA+RbixjnVLe/MRMYCkp3hzgsSuxCHQ8NN8xQG1wIHKJ4a1DTROTVFJdW+B5/eOsg==",
```

```
    "dependencies": {
      "@nicolo-ribaudo/eslint-scope-5-internals": "5.1.1-v1",
      "eslint-visitor-keys": "^2.1.0",
      "semver": "^6.3.1"
    },
    "engines": {
      "node": "^10.13.0 || ^12.13.0 || >=14.0.0"
    },
    "peerDependencies": {
      "@babel/core": "^7.11.0",
      "eslint": "^7.5.0 || ^8.0.0"
    },
    "node_modules/@babel/eslint-parser/node_modules/eslint-visitor-keys": {
```

```
    "version": "2.1.0",
    "resolved":
    "https://registry.npmjs.org/eslint-
    visitor-keys/-/eslint-visitor-keys-
    2.1.0.tgz",
    "integrity": "sha512-
    0rSmRBzXgDzlsD6mGdJgevzgezI5
    34Cer5L/vyMX0kHzT/jiB43jRhd9YUI
    MGYLQy2zprNmoT8qasCGtY+Qa
    Kw==",
    "engines": {
      "node": ">=10"
    },
  },
  "node_modules/@babel/eslint-
  parser/node_modules/semver": {
    "version": "6.3.1",
    "resolved":
    "https://registry.npmjs.org/semver
    /-/semver-6.3.1.tgz",
    "integrity": "sha512-
    BR7VvDCVHO+q2xBEWskxS6DJE1
    qRnb7DxzUrogb71CWoSficBxYsiA
```

Gd+Kl0mmq/MprG9yArRkyrQxTO
6XjMzA==",

```
"bin": {  
  "semver": "bin/semver.js"  
}  
},
```

"node_modules/@babel/generat
or": {

```
  "version": "7.22.10",  
  "resolved":  
  "https://registry.npmjs.org/@babe  
l/generator/-/generator-  
7.22.10.tgz",
```

```
    "integrity": "sha512-  
79Klf7YiWjjdZ81JnLujDRApWtl7BxT  
qWD88+FFdQEIOG8LJ0etDOM7C  
XulgGJa55sGOwZVwuEsaLEm0PJ  
5/+A==",
```

```
  "dependencies": {  
    "@babel/types": "^7.22.10",  
    "@jridgewell/gen-mapping":  
    "^0.3.2",
```

```
    "@jridgewell/trace-  
mapping": "^0.3.17",  
    "jsesc": "^2.5.1"  
  },  
  "engines": {  
    "node": ">=6.9.0"  
  }  
},
```

```
"node_modules/@babel/helper-  
annotate-as-pure": {  
  "version": "7.22.5",  
  "resolved":  
  "https://registry.npmjs.org/@babe  
l/helper-annotate-as-pure/-  
/helper-annotate-as-pure-  
7.22.5.tgz",  
  "integrity": "sha512-  
LvBTxu8bQSQkcyKOU+a1btnNFQ  
1dMAd0R6PyW3arXes06F6QLWLlr  
d681bxRPIXlrMGR3XYnW9JyML7d  
P3qgxxg==",  
  "dependencies": {
```

```
    "@babel/types": "^7.22.5"
  },
  "engines": {
    "node": ">=6.9.0"
  }
},
```

```
"node_modules/@babel/helper-builder-binary-assignment-operator-visitor": {
  "version": "7.22.10",
  "resolved":
    "https://registry.npmjs.org/@babel/helper-builder-binary-assignment-operator-visitor/-/helper-builder-binary-assignment-operator-visitor-7.22.10.tgz",
  "integrity": "sha512-Av0qubwDQxC56DoUReVDeLfMEjYYSN1nZrTUrwkXd7hpU73ymRANkbuDm3yni9npkn+RXy9nNbEJZEzXr7xrfQ==",
  "dependencies": {
```



```
    "@babel/types": "^7.22.10"
  },
  "engines": {
    "node": ">=6.9.0"
  }
},
```

```
"node_modules/@babel/helper-
compilation-targets": {
  "version": "7.22.10",
  "resolved":
    "https://registry.npmjs.org/@babe
l/helper-compilation-targets/-
/helper-compilation-targets-
7.22.10.tgz",
  "integrity": "sha512-
JMSwHD4J7SLod0idLq5PKgl+6g/h
LD/iuWBq08ZX49xE14VpVEojJ5rH
WptpirV2j020MvypRLAXAO50igC
J5Q==",
  "dependencies": {
    "@babel/compat-data":
    "^7.22.9",
```

```
    "@babel/helper-validator-  
option": "^7.22.5",  
    "browserslist": "^4.21.9",  
    "lru-cache": "^5.1.1",  
    "semver": "^6.3.1"  
  },  
  "engines": {  
    "node": ">=6.9.0"  
  }  
},
```

```
"node_modules/@babel/helper-  
compilation-  
targets/node_modules/semver": {  
  "version": "6.3.1",  
  "resolved":  
    "https://registry.npmjs.org/semver  
/-/semver-6.3.1.tgz",  
  "integrity": "sha512-  
BR7VvDCVHO+q2xBEWskxS6DJE1  
qRnb7DxzUrogb71CWoSficBxYsiA  
Gd+Kl0mmq/MprG9yArRkyrQxTO  
6XjMzA==",
```

```
"bin": {  
  "semver": "bin/semver.js"  
}  
},
```

```
"node_modules/@babel/helper-  
create-class-features-plugin": {  
  "version": "7.22.10",  
  "resolved":  
  "https://registry.npmjs.org/@babel/  
l/helper-create-class-features-  
plugin/-/helper-create-class-  
features-plugin-7.22.10.tgz",  
  "integrity": "sha512-  
5IBb77txKYQPpOEdUdlhBx8VrZyD  
CQ+H82H0+5dX1TmuscP5vJKEE3  
cKurjtlw/vFwzbVH48VweE78kVDB  
rqjA==",  
  "dependencies": {  
    "@babel/helper-annotate-  
as-pure": "^7.22.5",  
    "@babel/helper-  
environment-visitor": "^7.22.5",
```

```
    "@babel/helper-function-  
name": "^7.22.5",  
    "@babel/helper-member-  
expression-to-functions": "^7.22.5",  
    "@babel/helper-optimise-  
call-expression": "^7.22.5",  
    "@babel/helper-replace-  
supers": "^7.22.9",  
    "@babel/helper-skip-  
transparent-expression-  
wrappers": "^7.22.5",  
    "@babel/helper-split-export-  
declaration": "^7.22.6",  
    "semver": "^6.3.1"  
  },  
  "engines": {  
    "node": ">=6.9.0"  
  },  
  "peerDependencies": {  
    "@babel/core": "^7.0.0"  
  }  
},
```

```
"node_modules/@babel/helper-  
create-class-features-  
plugin/node_modules/semver": {  
  "version": "6.3.1",  
  "resolved":  
  "https://registry.npmjs.org/semver  
/-/semver-6.3.1.tgz",  
  "integrity": "sha512-  
BR7VvDCVHO+q2xBEWskxS6DJE1  
qRnb7DxzUrogb71CWoSficBxYsiA  
Gd+Kl0mmq/MprG9yArRkyrQxTO  
6XjMzA==",  
  "bin": {  
    "semver": "bin/semver.js"  
  }  
},
```

```
"node_modules/@babel/helper-  
create-regexp-features-plugin": {  
  "version": "7.22.9",  
  "resolved":  
  "https://registry.npmjs.org/@babe  
l/helper-create-regexp-features-
```

plugin/-/helper-create-regexp-features-plugin-7.22.9.tgz",

"integrity": "sha512-+svjVa/tFwsNSG4NEy1h85+HQ5imbT92Q5/bgtS7P0GTQIP8WuFdqsiABmQouhiFGyV66oGxZFpeYHza1rNsKw==",

"dependencies": {
 "@babel/helper-annotate-as-pure": "^7.22.5",

"regexpu-core": "^5.3.1",

"semver": "^6.3.1"

},

"engines": {

"node": ">=6.9.0"

},

"peerDependencies": {

"@babel/core": "^7.0.0"

}

},

"node_modules/@babel/helper-

```
create-regexp-features-
plugin/node_modules/semver": {
  "version": "6.3.1",
  "resolved":
"https://registry.npmjs.org/semver
/-/semver-6.3.1.tgz",
  "integrity": "sha512-
BR7VvDCVHO+q2xBEWskxS6DJE1
qRnb7DxzUrogb71CWoSficBxYsiA
Gd+Kl0mmq/MprG9yArRkyrQxTO
6XjMzA==",
  "bin": {
    "semver": "bin/semver.js"
  }
},
```

```
"node_modules/@babel/helper-
define-polyfill-provider": {
  "version": "0.4.2",
  "resolved":
"https://registry.npmjs.org/@babe
l/helper-define-polyfill-provider/-
/helper-define-polyfill-provider-
0.4.2.tgz",
```

```
    "integrity": "sha512-k0qnnOqHn5dK9pZpfD5XXZ9SojAlTdCKRn2Lp6rnDGzIbaP0rHyMPk/4wsSxVBVz4RfN0q6VpXWP2pDGloQ7hw==",
```

```
    "dependencies": {  
      "@babel/helper-compilation-targets": "^7.22.6",  
      "@babel/helper-plugin-utils":  
      "^7.22.5",  
      "debug": "^4.1.1",  
      "lodash.debounce": "^4.0.8",  
      "resolve": "^1.14.2"  
    },  
    "peerDependencies": {  
      "@babel/core": "^7.4.0 ||  
      ^8.0.0-0 <8.0.0"  
    }  
  },
```

```
"node_modules/@babel/helper-environment-visitor": {  
  "version": "7.22.5",
```



```
    "resolved":  
    "https://registry.npmjs.org/@babel/  
    helper-environment-visitor/-  
    helper-environment-visitor-  
    7.22.5.tgz",  
    "integrity": "sha512-  
    XGmhECfVA/5sAt+H+xpSg0mfrH  
    q6FzNr9Oxh7PSEBBRUB/mL7Kz3NI  
    CXb194rCqAEdxkhPT1a88teizAFy  
    vk8Q==",  
    "engines": {  
      "node": ">=6.9.0"  
    }  
  },
```

```
"node_modules/@babel/helper-  
function-name": {  
  "version": "7.22.5",  
  "resolved":  
  "https://registry.npmjs.org/@babel/  
  helper-function-name/-/helper-  
  function-name-7.22.5.tgz",  
  "integrity": "sha512-  
  wtHSq6jMRE3uF2otvfuD3DlvVhOs
```

SNshQl0Qrd7qC9oQJzHvOL4qQX
lQn2916+CXGywljpGulkoyZRRxHP
iNQQ==",

```
  "dependencies": {
    "@babel/template":
"^7.22.5",
    "@babel/types": "^7.22.5"
  },
  "engines": {
    "node": ">=6.9.0"
  }
},
```

```
"node_modules/@babel/helper-
hoist-variables": {
  "version": "7.22.5",
  "resolved":
"https://registry.npmjs.org/@babe
l/helper-hoist-variables/-/helper-
hoist-variables-7.22.5.tgz",
  "integrity": "sha512-
wGjk9QZVzvknA6yKIUURb8zY3grX
CcOZt+/7Wcy8O2uctxhplmUPkO
```

dlgoNhmdVee2c92JXbf1xpMtVN
bfoxRw==",

```
"dependencies": {  
  "@babel/types": "^7.22.5"  
},  
"engines": {  
  "node": ">=6.9.0"  
}  
},
```

"node_modules/@babel/helper-
member-expression-to-functions":
{

```
  "version": "7.22.5",  
  "resolved":  
  "https://registry.npmjs.org/@babel/  
l/helper-member-expression-to-  
functions/-/helper-member-  
expression-to-functions-  
7.22.5.tgz",  
  "integrity": "sha512-  
aBiH1NKMg0H2cGZqspNvsaBe6  
wNGjbJjuLy29aU+eDZjSbbN53Bax
```

lpB02xm9v34pLTZ1nlQPFYn2qMZo
a5BQQ==",

```
"dependencies": {  
  "@babel/types": "^7.22.5"  
},  
"engines": {  
  "node": ">=6.9.0"  
}  
},
```

```
"node_modules/@babel/helper-  
module-imports": {  
  "version": "7.22.5",  
  "resolved":  
  "https://registry.npmjs.org/@babe  
l/helper-module-imports/-  
/helper-module-imports-  
7.22.5.tgz",  
  "integrity": "sha512-  
8DI6+HD/cKifuF5qGd/8ZJi84QeA  
Kh+CEe1sBzz8UayBBGg1dAlJrdH  
OcOM5b2MpzWL2yuotJTtGjETq0  
qjXg==",
```

```
"dependencies": {
  "@babel/types": "^7.22.5"
},
"engines": {
  "node": ">=6.9.0"
}
},
```

```
"node_modules/@babel/helper-
module-transforms": {
  "version": "7.22.9",
  "resolved":
"https://registry.npmjs.org/@babe
l/helper-module-transforms/-
/helper-module-transforms-
7.22.9.tgz",
  "integrity": "sha512-
t+WA2Xn5K+rTeGtC8jCsdAH52bj
ggG5TKRuRrAGNM/mjlbO4GxvIL
MFOEz9wXY5I2XQ60PMFsAG2Wlc
G82dQMQ==",
  "dependencies": {
```

```
    "@babel/helper-  
environment-visitor": "^7.22.5",  
    "@babel/helper-module-  
imports": "^7.22.5",  
    "@babel/helper-simple-  
access": "^7.22.5",  
    "@babel/helper-split-export-  
declaration": "^7.22.6",  
    "@babel/helper-validator-  
identifier": "^7.22.5"  
  },  
  "engines": {  
    "node": ">=6.9.0"  
  },  
  "peerDependencies": {  
    "@babel/core": "^7.0.0"  
  }  
},
```

```
"node_modules/@babel/helper-  
optimise-call-expression": {  
  "version": "7.22.5",
```

```
  "resolved":  
  "https://registry.npmjs.org/@babel/  
  helper-optimise-call-  
  expression/-/helper-optimise-call-  
  expression-7.22.5.tgz",
```

```
    "integrity": "sha512-  
HBwaojN0xFRx4ylvpwGqxiV2tUfl7  
401jlok564NgB9EHS1y6QT17FmKW  
m4ztqjeVdXLuC4fSvHc5ePpQjoT  
bw==",
```

```
    "dependencies": {  
      "@babel/types": "^7.22.5"  
    },  
    "engines": {  
      "node": ">=6.9.0"  
    }  
  },
```

```
"node_modules/@babel/helper-  
plugin-utils": {  
  "version": "7.22.5",  
  "resolved":  
  "https://registry.npmjs.org/@babel
```

l/helper-plugin-utils/-/helper-plugin-utils-7.22.5.tgz",

 "integrity": "sha512-uLls06UVKgFG9QD4OeFYLEGteMI Aa5kpTPcFL28yuCIIzsf6ZyKZMIIKV OCZFhiZ5ptnwX4mtKdWCBE/uT4 amg==",

 "engines": {

 "node": ">=6.9.0"

 }

},

"node_modules/@babel/helper-remap-async-to-generator": {

 "version": "7.22.9",

 "resolved":

"https://registry.npmjs.org/@babel/helper-remap-async-to-generator/-/helper-remap-async-to-generator-7.22.9.tgz",

 "integrity": "sha512-8WWC4oR4Px+tr+Fp0X3RHdVfIN GpF3ad1Hlbrc8A77epiR6eMMc6j

sgozkzT2uDiOOdoS9cLIQ+XD2XvI
2WSmQ==",

```
"dependencies": {  
  "@babel/helper-annotate-  
as-pure": "^7.22.5",  
  "@babel/helper-  
environment-visitor": "^7.22.5",  
  "@babel/helper-wrap-  
function": "^7.22.9"  
},  
"engines": {  
  "node": ">=6.9.0"  
},  
"peerDependencies": {  
  "@babel/core": "^7.0.0"  
}  
},
```

```
"node_modules/@babel/helper-  
replace-supers": {  
  "version": "7.22.9",  
  "resolved":  
  "https://registry.npmjs.org/@babe
```

l/helper-replace-supers/-/helper-replace-supers-7.22.9.tgz",

"integrity": "sha512-LJIKvvpgPOPUThdYqcX6IXRulcTk cAub0laDRGCZH0p5GPU p7PhRU 9QVgFcDDd51BaPkk77ZjqFwh6D ZTAEmGg==",

"dependencies": {
 "@babel/helper-environment-visitor": "^7.22.5",
 "@babel/helper-member-expression-to-functions": "^7.22.5",
 "@babel/helper-optimise-call-expression": "^7.22.5"
},
"engines": {
 "node": ">=6.9.0"
},
"peerDependencies": {
 "@babel/core": "^7.0.0"
}
},

```
"node_modules/@babel/helper-  
simple-access": {  
  "version": "7.22.5",  
  "resolved":  
  "https://registry.npmjs.org/@babel/  
l/helper-simple-access/-/helper-  
simple-access-7.22.5.tgz",  
  "integrity": "sha512-n0H99E/K+Bika3++WNL17POvo4r  
KWZ7IZEp1Q+fStVbUi8nxPQEBOIT  
mCOxW/0JsS56SKKQ+ojAe2pHKJ  
HN35w==",  
  "dependencies": {  
    "@babel/types": "^7.22.5"  
  },  
  "engines": {  
    "node": ">=6.9.0"  
  }  
},
```

```
"node_modules/@babel/helper-  
skip-transparent-expression-  
wrappers": {
```

```
    "version": "7.22.5",
    "resolved":
    "https://registry.npmjs.org/@babel/
    helper-skip-transparent-
    expression-wrappers/-/helper-
    skip-transparent-expression-
    wrappers-7.22.5.tgz",
    "integrity": "sha512-
    tK14r66JZKiC43p8Ki33yLBVJKIQDF
    oA8GYN67IWCDCqoL6EMMSuM9
    b+Iff2jHaM/RRFYI7K+iiru7hbRqNx8
    Q==",
    "dependencies": {
      "@babel/types": "^7.22.5"
    },
    "engines": {
      "node": ">=6.9.0"
    }
  },
```

```
"node_modules/@babel/helper-
split-export-declaration": {
  "version": "7.22.6",
```

"resolved":
[https://registry.npmjs.org/@babel
/helper-split-export](https://registry.npmjs.org/@babel/helper-split-export)

```
contract Drug{  
    address public owner;
```

```
    constructor() {  
        owner = msg.sender;  
    }
```

```
    modifier onlyOwner() {  
        require(msg.sender ==  
owner, "Only the owner can  
perform this action");  
        _;  
    }
```

```
struct Drug {  
    string drugName;  
    string manufacturer;  
    uint256 manufacturingDate;
```

```
    address trackingHistory;  
}
```

```
    mapping(uint256 => Drug)  
public drugs;
```

```
    uint256 public drugCount;
```

```
    event  
DrugManufactured(uint256  
indexed drugId, string drugName,  
string manufacturer, uint256  
manufacturingDate);
```

```
    event DrugTransferred(uint256  
indexed drugId, address indexed  
from, address indexed to, uint256  
transferDate);
```

```
    function  
manufactureDrug(uint256 drugId,  
string memory _drugName, string  
memory _manufacturer, uint256  
_manufacturingDate) external  
onlyOwner {
```

```
address initialHistory;  
initialHistory = owner;
```

```
    drugs[drugId] =  
Drug(_drugName,  
_manufacturer,  
_manufacturingDate,  
initialHistory);  
    drugCount++;
```

```
    emit  
DrugManufactured(drugId,  
_drugName, _manufacturer,  
_manufacturingDate);  
}
```

```
function  
transferDrugOwnership(uint256  
_drugId, address _to) external {  
    require(_to != address(0),  
"Invalid address");  
    require(_to !=  
drugs[_drugId].trackingHistory,
```

```
"Already owned by the new  
address");
```

```
        address        from        =  
drugs[_drugId].trackingHistory;
```

```
drugs[_drugId].trackingHistory    =  
_to;
```

```
        emit  
DrugTransferred(_drugId,    from,  
_to, block.timestamp);  
    }
```

```
function  
getDrugDetails(uint256 _drugId)  
external view returns (string  
memory, string memory, uint256,  
address) {
```

```
    Drug    memory    drug    =  
drugs[_drugId];  
    return    (drug.drugName,  
drug.manufacturer,
```



```
drug.manufacturingDate,  
drug.trackingHistory);
```

```
}
```

```
}0
```