**Name**: YPO IDE

**Description**: This is A web IDE running on the browser for educational purposes.

**Author**:

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**Technologies**:

* [Visual Studio Code](https://code.visualstudio.com/)
* [GIT](https://git-scm.com/)
* [GitHub](https://github.com/)
* [NodeJS](https://nodejs.org/)
* [NPM](https://www.npmjs.com/)
* [Prettier](https://prettier.io/)
* [ESLint](https://eslint.org/)
* [JSLint](https://www.jslint.com/)
* [Babel](https://babeljs.io/)
* [Webpack](https://webpack.js.org/)
* [React Native](https://reactnative.dev/)
* [React](https://reactjs.org/)
* [Express](https://expressjs.com/)
* [Next](https://nextjs.org/)
* [MongoDB](https://www.mongodb.com/)
* [PHP](https://www.php.net/)
* [MySQL](https://www.mysql.com/)
* [Apache Web Server](https://httpd.apache.org/)
* [~~Docker~~](https://docs.docker.com/)
* [Blockly](https://developers.google.com/blockly)
* [Cloud9](https://aws.amazon.com/cloud9/)
* [VUE](https://vuejs.org/)
* [JQuery](https://jquery.com/)
* [Bootstrap](https://getbootstrap.com/)
* [Monaco Editor](https://microsoft.github.io/monaco-editor/)
* [SASS](https://sass-lang.com/)
* [TypeScript](https://www.typescriptlang.org/)
* SQL
* HTML
* CSS
* JavaScript
* [~~Kubernetes~~](https://kubernetes.io/)
* [GraphQL](https://graphql.org/)
* [~~BitBucket~~](https://bitbucket.org/)

Web APIs:

* [~~File System~~](https://developer.mozilla.org/en-US/docs/Web/API/FileSystem)
* [File System Access](https://developer.mozilla.org/en-US/docs/Web/API/File_System_Access_API)
* [File and Directory Entries](https://developer.mozilla.org/en-US/docs/Web/API/File_and_Directory_Entries_API)
* [HTML Drag and Drop](https://developer.mozilla.org/en-US/docs/Web/API/HTML_Drag_and_Drop_API)

צד שרת:

אפשרות לכתוב קוד

אפשרות להריץ קוד

אפשרות לגרירת קוד מתבניות מוכנות כמו בסקראץ'

צד שרת:

ניהול פרויקטים

אפשרות שיתוף קוד וכתיבה במקביל

אפשרות לאקסטנשנס

Client UI:

* Code
  + Editor:
    - Monaco editor
    - Code Library for drug and drop
  + Generator:
    - Blockly
* Project
  + Select project
  + Copy project
  + Delete project
  + Search another project of other user?
* File System:
  + Open
  + Close
  + Run
  + Select
  + Create
  + Copy
  + Move
  + Delete
  + Show
  + Upload
  + Download
* Runner
  + Run
  + Stop
  + Pause
  + Autorun
* Share ?
  + Share programing
  + Share screen
  + Join
* User
  + Login
  + Logout
  + Signin
  + Signout
  + Add user
  + Remove user