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THRIVE DEVELOPER INDUCTION GUIDELINES FOR PLATFORM V3

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First steps

A developer will need to get familiar with the following software before they begin...

- **Slack** Make sure you can log in and look around the system. Most of the discussion for developers happens in the #platform-v3 channel in Slack. So join this channel and say, “Hi”. Have a look around. You just may know the answer to a question being asked.

  **Failure to sign on to slack 4-5x a week will result in a drop-off from the system

- **Webmail** Make sure you can log in and try sending yourself an email to gain familiarity with it.

- **Trello** Make sure you can log in. Find the Development Trello Boards. Read some cards on the board to gain familiarity with it. Developers are encouraged to document changes made to the system in Trello. For example: if you add new code to the THRIVE platform please provide some explanation in Trello.

- **GitHub** Make sure you can log in. You'll need to clone one or more projects from our GitHub repository to participate in developing the THRIVE platform.

- **Google Meet** Developers should gain some familiarity with Google Meet as we use this software for our weekly meetings.

The development stack

- Azure cloud for our V3 web server instance
- PostgreSQL database running in the V3 web server instance
- We use GitHub to host our repositories
- Our backend is made up of PHP scripts
- Our front end is being developed in React/JS/HTML/CSS and MUI components.
- We use Netlify to host our front end.

Procedure for developing THRIVE V3

- Clone the thrive-v3.1-frontend (https://github.com/thriveplatform/thrive-v3.1-frontend) to your local machine
- Use **$ npm install** to install the dependencies
- Use **$ npm start** to run the local server
- Make a new branch to develop your feature
- Make an edit, commit and push to the GitHub repo
- You can test your changes in a local web browser and
- In your GitHub account, you will find a preview URL which uses Netlify to host our frontend
- When your feature is ready to be merged, you create a pull request in GitHub
- An admin will be notified and will perform the merge and resolve conflicts

Requirements

- Knowledge of web development languages and tools including HTML, CSS, Javascript and React
- Knowledge of Git and GitHub. Ability to clone a project from a repository, ability to commit to a repository, ability to create and merge branches.
- Experience with a code editor with Git integration e.g. Microsoft Visual Studio Code (VS Code).
- Knowledge of SQL and PostgreSQL

Key things to know

Developers are responsible for writing software for the THRIVE platform or other THRIVE software projects. Developers will be allocated a software module to work on at Developer Meetings and an approximate timeframe will be agreed upon.

Developers will develop code, collaborate, ask questions and help others, if they can, during the week via Slack.

A Developer Meeting will be held once a week and developers are encouraged to attend often to maintain awareness of the status of the project.

Developers will report their progress, ask questions and discuss future tasks at the Meeting.

Links to resources

THRIVE V3.1 Front-end GitHub repository
https://github.com/thriveplatform/thrive-v3.1-frontend

PhpPgAdmin
http://20.28.222.114/phppgadmin/

Database design
https://dbdiagram.io/d/5e49cbdd9e76504e0ef182b0

V2 THRIVE Platform v2.0 Requirements - Many features are still not done.
https://trello.com/c/f3nYtO6j/1-tp-v2-requirements

Thrivability Matters Youtube channel
https://www.youtube.com/channel/UCtODBnu4U-l0QzvR2lsQRUg

Meet The THRIVE Project | Morris Fedeli | THRIVE
https://www.youtube.com/watch?v=kRo9MGKMejU&t=5s

THRIVE Platform Walkthrough
A description of what the THRIVE platform is and how it is used
https://www.youtube.com/watch?v=YYHcum4CffI

THRIVE Platform V3.1 Preview - (Main branch)
https://thrive-platform-app.netlify.app/