

Development Environment and Project Proposal (DEPP) Plan

Problem: Help people decide on a goal to achieve and have them be held accountable when attempting to complete the goal through games/alerts within the app. This will inspire people to go after something they have always wanted to achieve and give them the motivation to go through with it. People will be awarded with a currency after successfully getting and keeping their streak where they can then purchase items from a shop.

Team Name: Momentum

Team Roles:

- **Yumandy Espinosa:** Frontend development + Middleware
 - **Paulina Gonzalez-Brito:** Frontend development + Middleware
 - **Micah Tam:** Backend development
 - **Whitnie Ojie-Ahamiojie:** Backend development
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Programming Languages, Frameworks, Technologies:

Frontend: React + Typescript

Backend: Nextjs + Typescript

Database: MongoDB

Challenge Statement: Your task is to develop a software solution that adds a touch of "magic" to everyday life.

This will add a touch of magic to everyday life as people will be using this application to better themselves and either learn something new, break a habit, or even spend more time with friends and family. People are often discouraged by big goals and give up on them without giving them a shot. We hope this application will motivate people and make it enjoyable to complete their chosen goal.

To gamify this more, we will add a coin functionality so the longer you hold your streak, the more coins you will receive. The coins can be redeemed to save your streak for a day if you cannot / choose not to complete your goal for the day.

Project Vision (Geoffrey Moore):

- **For-** motivated people wanting to achieve a goal, break a habit, or keep themselves held accountable for certain tasks
 - **Whose-** people struggling to stay on top of their goals and end of giving up
 - **Is a-** Web Application
 - **That-** people should use this app to better and challenge themselves
 - **Different from-** something like Duolingo streak because this app will allow you to set ANY goal whether it be wanting to learn a language or start a business
 - **Our product-** is universal, can be applied to any scenario for any person
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Risk Management Plan:

- **Technical Risks:** if faced with technical issues in any of the softwares we plan to use for implementation, team members will troubleshoot and do further research on the problem. They will also familiarize themselves with all software before working.
- **Project Management Risks:** Team members will use Plaky to keep each other accountable for their tasks. We will also begin working in advance to meet all deadlines and avoid submitting anything late.
- **Data Risks:** Team members will ensure there is protection and authentication behind all important data. We will also ensure things are regularly saved and backed up.