**Research Plan for Authentication Code Library**

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**Idea brief**: Creating a platform that houses (a library of authentications codes) that caters to a wide range of programming languages.

**Client:** Team Zuri

**Role:** Product Designer

**Problem Statement:**

Most software developers find it time-consuming and overwhelming to start creating authentication codes from scratch.

This is as a result of the target deadlines they have to meet.

This calls for a platform which can reduce their workload and that’s what auth-wiki is about.

**Research Objectives:**

1. To ascertain the level of acceptance among developers in using third-party authentication codes.
2. To establish the most convenient way of delivering authentication codes to developers.
3. To learn about any pain points developers are encountering during the process and what improvement are needed.
4. To discover users motivation behind using authentication code library.
5. How often they use authentication code library.

**Screener Questions**

1. Are you a developer?
2. Do you make use of code libraries?
3. Are you interested in using authentication code libraries?

**Research Questions**

1. What programming language do you use?
2. Do you use authentication libraries?
3. What libraries have you used in the past?
4. What features are you familiar with?
5. What are the common errors you encounter?

**Interview Questions**

1. Would you rather choose to develop an authentication code from the scratch or use an already made code from a third-party platform? (Hint: the reason for asking this is to ascertain whether what we intend to design will even be accepted by our potential users)
2. What do you think can be the reason(s) why a developer may choose not to use a third party authentication codes? (Hint: To ascertain the user pain points while sourcing for auth codes from third party platforms).
3. How would you want an auth code solution to be offered to you for easy accessibility and convenience of use? (Hint: To ascertain whether they need to download the codes, copy the codes, to be wrapped in a zip file upon download etc.).
4. What challenges have you experienced while using auth codes from third party platforms?
5. What are your favorite features from these platforms?
6. What limitations do you experience while using the platforms?
7. Are there features you think the platforms should have that they currently don’t?