***GAP ANALYSIS FOR A ONLINE CLOUD CODE EDITOR APP***

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| **AREA** | **CURRENT STATE** | **DESIRED STATE** | **GAP** |
| **FEATURES** | Basic code editor | Supports all kind of programming languages | Lacks of users |
| **SECURITY** | Username and password | 2-Step authentications | Missing high and security features |
| **UI/UX** | Outdated design and minimal focus on aesthetic | Modern, visually appealing, customizable UI | Design overhaul needed |
| **CUSTOMER SUPPORT** | In app support with slow response Time | AI chatbot, customer care support and with Report option | Need for faster and automated customer service |
| **PERFORMANCE** | Crashes due to lack of server maintenance | Optimized for high performance with minimal crashes and better extensions and features | Requires server upgrades, better connectivity, better cloud support and better features |
| **DEVICE COMPATIBILITY** | Available only on IOS, Android, Windows, Mac, Web | Support for Linux and Single board computers | Needs expansion to other devices |
| **Notifications** | SMS and email alerts | Real time push notifications with customization | Lacks real time and flexible notification |