Hackers' BFF:

When a pentester/security analyst gets a new project to test, they have to perform lots of scans manually, opening lots of tools, giving lots of redundant input that makes it less time-efficient and less productive.

With Hackers' BFF we aim to make this process of testing more time-efficient and more productive. By automating most of the manual tasks performed by the tester.

Desktop App:

This app will be voice-controlled, with lots of tools that are customizable according to the tester's preference. The tester also can set different options for different tools supported by the app.

It will automate all the manual scans with just a voice command from the tester.

Other features are the final report generator, customized screenshot functionality, recreation of the steps that led to the discovery of the vulnerability.

Glass with HUD:

A glass/spectacle with a Heads Up Display (HUD). It is Voice controlled, it performs tasks with just a voice command from the user. It is equipped with an infrared camera that can record videos, take a picture, send a live feed in the HUD, notifications from the smartphone and desktop are also displayed in the HUD. It also supports communicating with the desktop app when needed. It can be used to control the features/apps of the mobile.

All these features may be useful during active social engineering

It may be used to improve the productivity of the user too.

It might also be used to look cool, as that's what matters now in today's world :)

Mobile App:

It's a basic app that will display the status of the H/Ws connected with the HUD glasses. It will be mainly used to provide a medium to control the features/apps of the smartphone using the glasses.

2nd Wife:

Sometimes, choosing the menu of a meal may be a hectic job for the head of the kitchen, worried whether the meal would taste good, worried if the spouse would scold, worried about the health, worried about what to cook, etc….

Here, "2nd Wife" comes to play. This name implies to the family where wives cook, otherwise it can be called "2nd Husband".

Now let's discuss the functionalities of the app:

1. Menu Planner:

    The app will plan the menu for an entire month or so.

    Food preferences of the users can also be managed here.

2. Recipe:

    Recipe for the menu being planned shown/narrated to the user.

3. AI:

    The AI will learn the food liking pattern of the family and improve its menu.

4. Raw Material:

   The quantity of the raw materials available in the house is accounted for. Based on the quantity used for a meal it will be adjusted. These features' concepts can be altered as the project development progresses.

   The main use of this feature is for the business logic of this project.

5. All-In-One Store:

   Until now all the other features were available to the users for free.

This feature is where the company earns money.

The company will establish an All-In-One store where one can find all the raw materials required to prepare a meal suggested by the app.

Once the raw material depletes the app will order necessary raw materials suggested by the AI in bulk from the company's store and be delivered to the house on time. Consent from the user will be taken regarding the purchase being made.

This will enable low-cost delivery of the products to the customer and also a means for the company to get a profit out of it.

To make the "2nd Wife" more interactive and cooler we can build a moving, speaking robot that interacts with the members of the house.