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JavaScript is a programming language, and it can be used for many functionalities. It spans different fields and areas in our daily lives and various wicked problem business domains. It can be used for the applications identified below:

1. Front-end Web application – One of JS’s great functionalities is facilitating the creation of dynamic and interactive elements on websites. It covers a range of features, such as making buttons change colors when hovering over or displaying pop-up messages when certain actions are created by the user. This involvement enhances user experiences and promotes the development of human interaction programming via JavaScript.

2. Presentations and slideshows - JavaScript can be used for graphic design and showing the portfolio, or creating image sliders for product showcases to leave an impression on the clients.

3. Interactive Maps – JavaScript can be used for building interactive maps, and the user is able to zoom in and out. Clicking on the maker grabs information from the map. This can be used for finding things, travel websites, or location needed services.

4. Real-time interactive Chat or web server’s implementation – Another distinct advantage of JavaScript is the ability to create real-time interactive chat boxes. They are embedded inside the application, so the user does not need to refresh the page. This can be used for enhancing customer support experiences on websites and making quick resolutions to clients.

5. Games development - creating interactive online games, and users can play directly in their web browsers without the need for separate installations. This enhances accessibility and user engagement.

The business wicked problem domain I chose is “communication.” The first way to counter the wicked problem within the Communication field is front-end web application with real-time messaging. It decreases the rate of lagging between the client and the company, achieving timely sales or providing service. It can also be used for team-based communication to enhance collaboration and quick decision-making. An example could be online remote scenarios. The second way is creating interactive content such as quizzes, polls, or surveys to gather information and feedback from users. This helps the company understand client needs and preferences or conduct heuristic evaluations and research. The third way is data visualization. JavaScript has the basis of charts and graphs to help businesses visually represent complex data. This makes it easier for clients to understand communicated insights or provides an easier way to visualize the data they need, such as income visualization charts and filtering on e-commerce platforms. Another communication wicked problem that the JavaScript can resolve is providing the ability for virtual meeting or conferencing such as video and audio streaming, chat, screen sharing and file sharing feature. This helps us to strengthen tight up the team during special situation or during emergency period. By adopting the wicked problem business domain of Communication, JavaScript does provide diverse resolutions to the complex issue of communication. Its flexibility facilitates the establishment of instantaneous messaging systems and visualizes information. By utilizing these methods, the company could have the capacity to cultivate significant engagement with their target audiences and fix their problem with a better solution.