This document compares the updates to the **Recipe Recommender**(Saveurs Sélection) and how this version has improved on the initial version of Recipe Recommender. There are various functional and non-functional changes made to the previous version of Recipe Recommender. The changes made are listed below:

Implemented add recipe feature

Users can share their own recipe now. A form collects the necessary information and stores it in mongodb.

```
    return (
        <>
            <Box borderRadius={"lg"} border="2px" boxShadow={"lg"} borderColor={"gray.100"} fontFamily="regular" m={'auto'} marginTop={10
                <Text fontSize={"3xl"} textAlign={'center'} fontWeight={"bold"}>Add New Recipe</Text>
                <VStack spacing={'5'} alignItems={"flex-center"} >...
                </VStack>
            </Box>
        </>
    )
};
```

Enhanced display of recommended recipe

In the earlier version recipes were shown one after the other. It needed too much of scrolling from the users end and navigation was difficult in general. The new ui uses a card view to display recipe which can be clicked and an in-detailed version of the recipe is displayed.

```
return (
<>
    <Box borderRadius={"lg"} border="1px" boxShadow={"10px"} borderColor={"gray.100"} fontFamily="regular" m={10} width={"70%"} p={5}>
        <SimpleGrid spacing={5} templateColumns='repeat(auto-fill, minmax(250px, 1fr))'>
            {recipes.length !==0 ? recipes.map((recipe) => (
                <RecipeCard handler={handleViewRecipe} recipe={recipe} />
            )) : <Text fontSize={"lg"} color={"gray"}>Searching for a recipe?</Text>}
        </SimpleGrid>
    </Box>
    <Modal size={"6xl"} isOpen={isOpen} onClose={onClose}>
        <ModalOverlay />
        <ModalContent >
            <ModalHeader>{currentRecipe.TranslatedRecipeName}</ModalHeader>
            <ModalCloseButton />
            <ModalBody>
                <Flex >
                    <Avatar size="2xl" mr={2} mb={2} src={currentRecipe["image-url"]} />
                    <Box mt={4}>
                        <Text><Text as={"b"}>Cooking Time: </Text>{currentRecipe.TotalTimeInMins} mins</Text>
                        <Text><Text as={"b"}>Rating: </Text> {currentRecipe['Recipe-rating']}</Text>
                        <Text mb={2}><Text as={"b"}>Diet Type: </Text> {currentRecipe['Diet-type']}</Text>
                    </Box>
                </Flex>
                <Text><Text as={"b"}>Instructions: </Text> {currentRecipe["TranslatedInstructions"]}</Text>
                <Text color={"blue"}><Text color={"black"}  as={"b"}>Video Url: </Text><a href={youtube_videos}>Youtube</a></Text>
            </ModalBody>

            <ModalFooter>
                <Button colorScheme='teal' mr={3} onClick={{onClose}}>
                    Close
                </Button>
            </ModalFooter>
        </ModalContent>
    </Modal>
</>
```
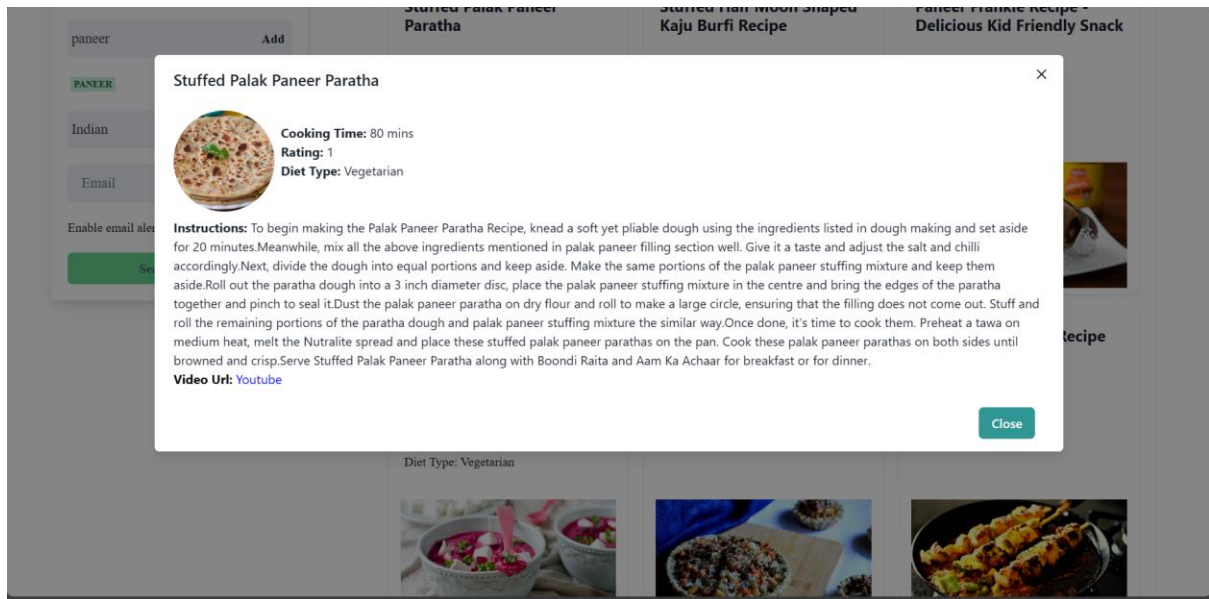
Search Recipe   Add Recipe

Get A Recipe

paneer	Add

PANEER

Indian

Email

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Search Recipes

Stuffed Palak Paneer Paratha

Cooking Time: 80 mins
Rating: 1
Diet Type: Vegetarian

Stuffed Half Moon Shaped Kaju Burfi Recipe

Cooking Time: 65 mins
Rating: 4
Diet Type: Vegetarian

Paneer Frankie Recipe - Delicious Kid Friendly Snack

Cooking Time: 40 mins
Rating: 3
Diet Type: Vegetarian

Implemented Typeahead search

Previous versions required the user to type the full ingredient name while searching for the ingredient. In this version a typeahead search is implemented which fetches ingredients for the user via a dropdown menu.

```
export default class TypeAheadDropDown extends React.Component {
  constructor(props) {
    super(props);
    this.state = {
      suggestions: [],
      text:''
    }
  }

  onTextChange = (e) => {
    try{
      const {iteams} = this.props;
      let suggestions = [];
      const value = e.target.value;
      if (value.length > 0) {
        const regex = new RegExp(`^${value}`, `i`);
        suggestions = iteams.sort().filter(v => regex.test(v));
      }

      this.setState(() => ({
        suggestions,
        text:value
      }));
```

Implemented tags

Now the user can change the ingredients any time before searching the recipe.

Get A Recipe

chilli garlic sauce	Add

CHILLI GARLIC SAUCE

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Get A Recipe

chilli garlic sauce	Add

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