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Aim: To include images and fonts in flutter app

Theory: Certainly! Here's a simplified process for adding images in Flutter:

1. Import Libraries:

Ensure that you have the necessary libraries imported in your Dart file. For images, you'll typically use ``dart:ui`` and other relevant Flutter packages.

2. Adding Local Images:

- Place your local images in the ``assets`` folder.
- Declare the images in the ``pubspec.yaml`` file.

3. Adding Network Images:

- Use the ``Image.network`` widget for displaying images from the internet.

4. Image Widget:

- Create an ``Image`` widget and provide it with an ``ImageProvider``.
- Use ``AssetImage`` for local images and ``NetworkImage`` for network images.

5. ImageProvider:

- Understand that ``AssetImage`` and ``NetworkImage`` are subclasses of the ``ImageProvider`` class.
- You can create custom ``ImageProvider`` if needed.

6. CachedNetworkImage (Optional):

- If you want to cache network images, consider using the ``cached_network_image`` package.

7. Image Loading and Error Handling:

- Customize the loading and error behavior using ``loadingBuilder`` and ``errorBuilder`` properties of the ``Image`` widget or other relevant widgets.

Remember, the actual implementation details might vary based on your specific use case and the packages you choose to use. The key is to understand the concepts of working with local and network images and the various widgets and packages available in Flutter for handling images.

Code

```
import 'package:chatgpt/constants/constants.dart';
import 'package:chatgpt/services/assets_manager.dart';
import 'package:flutter/material.dart';

import 'text_widget.dart';

class ChatWidget extends StatelessWidget{
  const ChatWidget({super.key, required this.msg, required
this.chatIndex});
  final String msg;
  final int chatIndex;
  @override
  Widget build(BuildContext context){
    return Column(
      children: [
        Material(
          color: chatIndex == 0 ? scaffoldBackgroundColor : cardColor,
          child: Padding(
            padding: const EdgeInsets.all(8.0),
            child: Row(
              crossAxisAlignment: CrossAxisAlignment.start,
              children: [
                Image.asset(
                  chatIndex == 0
                    ? AssetsManager.userImage
                    : AssetsManager.botImage,
                  height: 30,
                  width: 30,
                ),
                const SizedBox(
                  width: 8,
                ),
                Expanded(
                  child: TextWidget(
                    label: msg,
                  ),
                ),
              ],
            ),
          ),
        ),
      ],
    );
  }
}
```

```

        chatIndex == 0
        ? const SizedBox.shrink()
        : Row(
            mainAxisAlignment: MainAxisAlignment.end,
            mainAxisSize: MainAxisSize.min,
            children: const [
                Icon(
                    Icons.thumb_up_alt_outlined,
                    color: Colors.white,
                ),
                SizedBox(
                    width: 5,
                ),
                Icon(Icons.thumb_down_alt_outlined,
                    color: Colors.white)
            ],
        ),
    ],
),
),
],
);
}
}

```

```

import 'package:flutter/material.dart';

class TextWidget extends StatelessWidget {
  const TextWidget(
    {Key? key,
    required this.label,
    this.fontSize = 18,
    this.color,
    this.fontWeight})

```

```

        : super(key: key);

    final String label;
    final double fontSize;
    final Color? color;
    final FontWeight? fontWeight;
    @override
    Widget build(BuildContext context) {
        return Text(
            label,
            // textAlign: TextAlign.justify,
            style: TextStyle(
                color: color ?? Colors.white,
                fontSize: fontSize,
                fontWeight: fontWeight ?? FontWeight.w500,
            ),
        );
    }
}

```

```

import 'package:chatgpt/services/api_service.dart';
import 'package:chatgpt/widgets/text_widget.dart';
import 'package:flutter/material.dart';

import '../constants/constants.dart';
import '../models/models_model.dart';

```

```

class ModelsDrowDownWidget extends StatefulWidget {
  const ModelsDrowDownWidget({super.key});

  @override
  State<ModelsDrowDownWidget> createState() =>
    _ModelsDrowDownWidgetState();
}

class _ModelsDrowDownWidgetState extends State<ModelsDrowDownWidget> {
  String currentModel="gpt-3.5-turbo";
  @override
  Widget build(BuildContext context) {
    return FutureBuilder<List<ModelsModel>>(
      future: ApiService.getModels(),
      builder: (context, snapshot){
        if (snapshot.hasError) {
          return Center(child: TextWidget(label:
snapshot.error.toString()),);
        }
        return snapshot.data == null || snapshot.data!.isEmpty
? const SizedBox.shrink()
:DropDownButton(
  dropdownColor: scaffoldBackgroundColor,
  iconEnabledColor: Colors.white,
  items: List<DropDownMenuItem<String>>.generate(
    snapshot.data!.length,
    (index) => DropDownMenuItem(
      value: snapshot.data![index].id,
      child: TextWidget(
        label: snapshot.data![index].id,
        fontSize: 15,
      )),
    onChanged: (value) {

```

```
        setState(() {  
            currentModel=value.toString();  
        });  
    },  
    );  
    });  
}  
}
```

Output -



chatGPT



Hello who are you?



Hello, I am ChatGPT, a large language model developed by OpenAI. I am here to assist you with any information or questions you may have. How can I help you today?



What is flutter?



Flutter is an open-source mobile application development framework created by Google. It is used to develop applications for Android, iOS, Linux, Mac, Windows, and the web. Flutter uses the Dart programming language and allows for the creation of high-performance, visually attractive, and responsive apps. It also has a growing and supportive community, and offers many customizable widgets for building beautiful and responsive user interfaces.



Okay thanks



You're welcome! Let me know if you have any other questions or if there's anything else I can help you with.



how can i help you

