

iFood

save your favourite food

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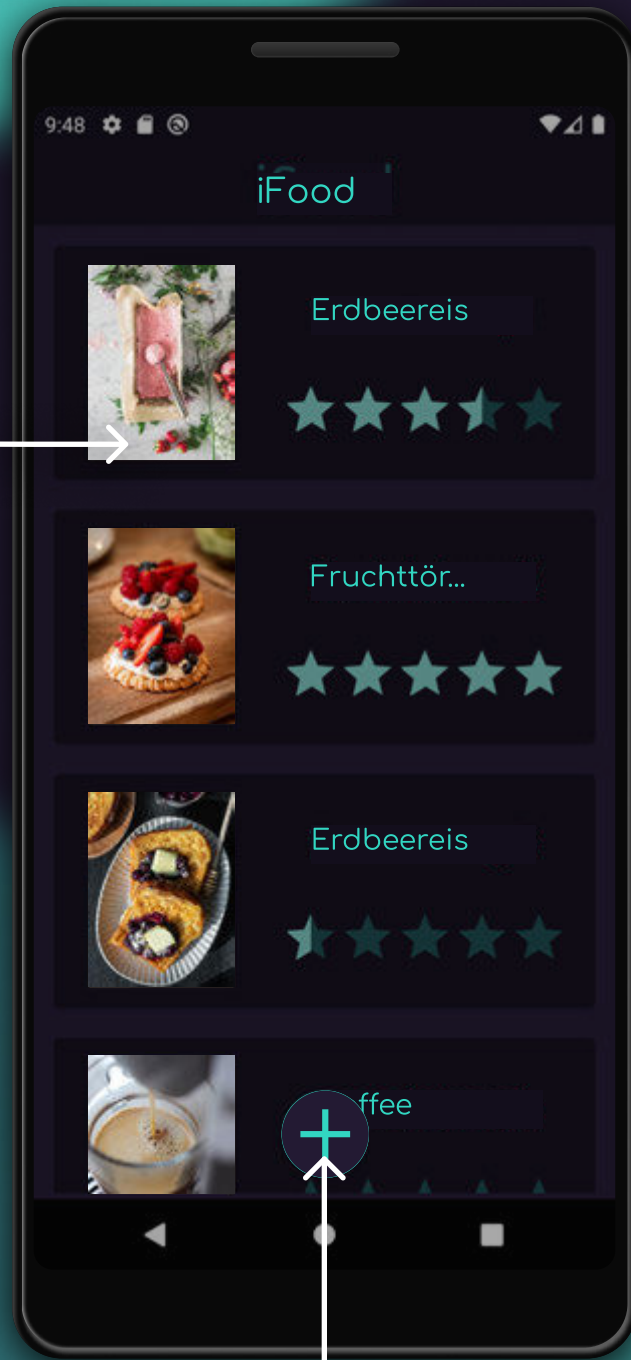
concept

Our idea fulfils the usage of two categories. Media and camera as well as data storage. After starting the app, you reach the landing page and have the opportunity to add posts to a list via the plus button in the bottom centre. If you press this button, you are able to create a new post. You can add a picture of your favourite food, a title, a description and last but not least a star rating. Now you can save your post, and it will be stored locally and online in a database. Here on the landing page, you can also edit or even completely delete them again.

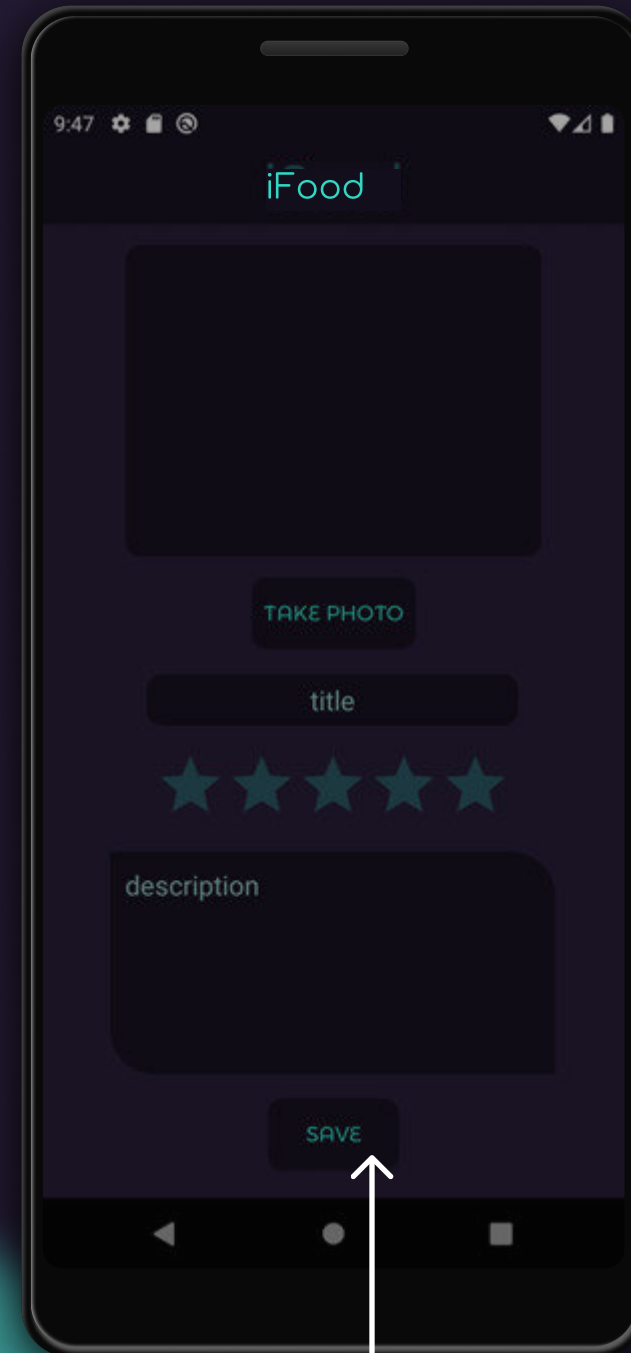
design

taking a picture

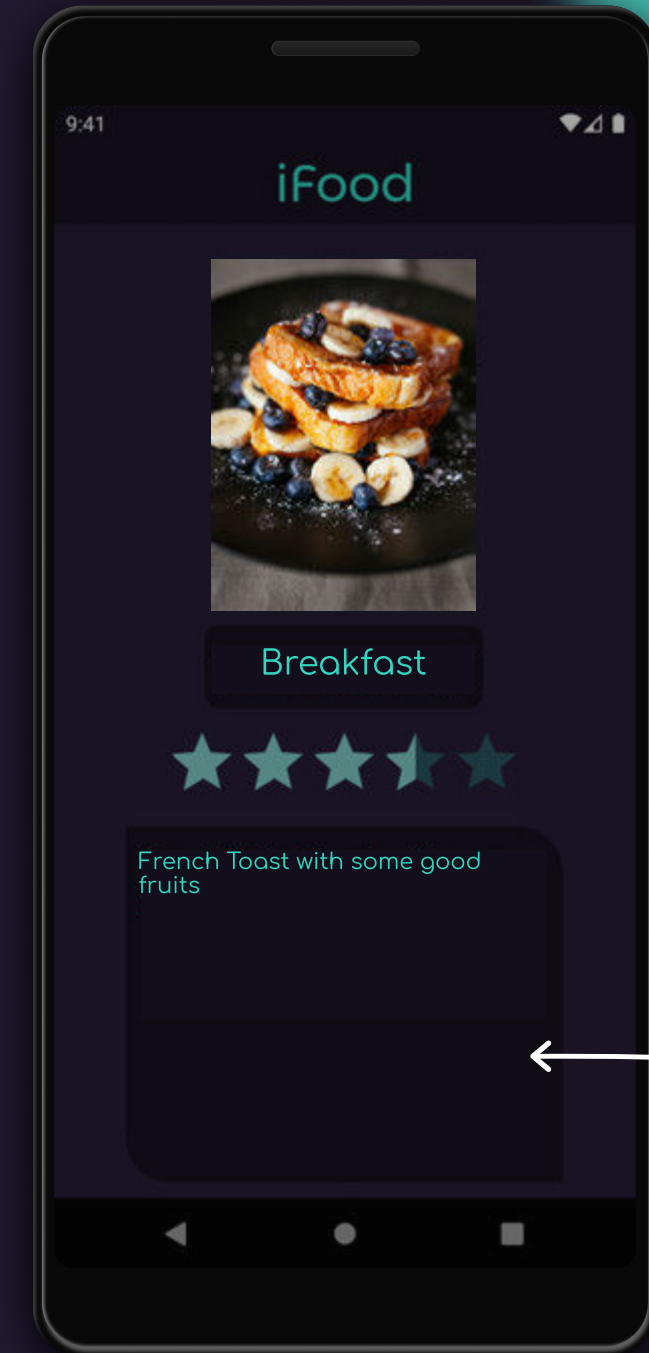
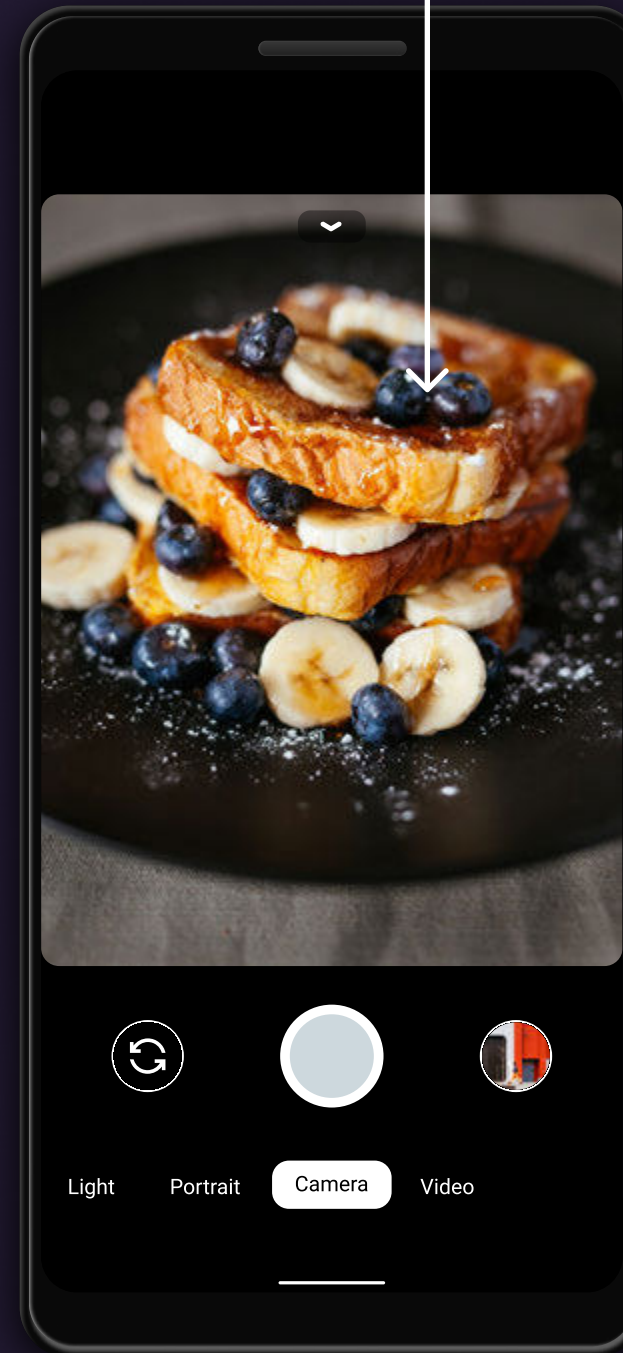
item cell



add button



creating post



detail view


```

@Override
public void onCreate(SQLiteDatabase db) {

    // create Table and Column
    final String SQL_CREATE_FOODLIST_TABLE = "CREATE TABLE " + TABLE_NAME + " (" +
        FoodEntry._ID + " INTEGER PRIMARY KEY AUTOINCREMENT, "+
        FoodEntry.COLUMN_IMAGE + " TEXT NOT NULL, "+
        FoodEntry.COLUMN_TITLE + " TEXT NOT NULL, "+
        FoodEntry.COLUMN_RATING + " FLOAT NOT NULL, "+
        FoodEntry.COLUMN_DESCRIPTION + " TEXT NOT NULL, "+
        FoodEntry.COLUMN_TIMESTAMP + " TIMESTAMP DEFAULT CURRENT_TIMESTAMP"+
        ") ";

    db.execSQL(SQL_CREATE_FOODLIST_TABLE);
}

@Override
public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {
    db.execSQL("DROP TABLE IF EXISTS " + TABLE_NAME);
    onCreate(db);
}

//method for viewData in Recyclerview
public Cursor viewData(){
    SQLiteDatabase db = this.getReadableDatabase();
    String query = "SELECT * FROM " + TABLE_NAME;
    Cursor cursor = db.rawQuery(query, selectionArgs: null);

    return cursor;
}
}

```

```

//add data to Database
private void addItem (){
    if (edittitle.getText().toString().trim().length() == 0) {
        return ;
    }

    //Add Title und Descrpition to Database
    String title = edittitle.getText().toString();
    String description = editdescription.getText().toString();

    //add Rating to Database
    float getrating = ratingBar.getRating();

    //add ImageString to Database
    String image_path = currentImagePath;

    //pass Data to Database
    ContentValues cv = new ContentValues();
    cv.put(FoodContract.FoodEntry.COLUMN_IMAGE, image_path);
    cv.put(FoodContract.FoodEntry.COLUMN_TITLE, title);
    cv.put(FoodContract.FoodEntry.COLUMN_RATING, getrating);
    cv.put(FoodContract.FoodEntry.COLUMN_DESCRIPTION, description);

    mDatabase.insert(FoodContract.FoodEntry.TABLE_NAME, nullColumnHack: null, cv);

    edittitle.getText().clear();
    editdescription.getText().clear();
}
}

```

