

Project 2.3 Deliverable

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1. Project Title and Authors

Project Title: Easy Team Up

Team number: #52

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2. Preface

This document describes our app, Easy Team Up, and any changes to our architectural design, detailed design and requirements. This document provides the necessary information for our client to better understand our design and building process for the app.

3. Introduction

Easy Team Up is an android application that aims to connect members of a community with events users can create and attend. Yoonjung implemented the create event functionality. Aaron implemented the display events functionality. Claudia implemented the manage invitations functionality. We were able to keep most of our requirements and adjusted others when necessary.

4. Architectural Design Changes

There were no changes to our original architectural design—the 3 Tier Structure which is composed of the following three layers: (1) Client Layer - responsible for the presentation and the User Interface (2) Business/Logic layer - controls the app's functionality by performing detailed processing (3) Data layer - stores all event and user information.

5. Detailed Design Changes

Including the Invitation and RSVP class

Originally, we were only to have an event, user, and log-in handler class. However to simplify storage and calling of invitations and rsvps, we created two additional tables in the database to store these data structures. The reasoning for this is so that each user doesn't have to store a list of their RSVPs and invites, which would overly complicate the displaying and storage of this information.

Updating Event Information

To accommodate client requests, we have allowed for updates of additional event information such as event start time, event end time, event date in addition to event name, description, and location.

Login Handler

The login information and verification is handled through our DBHelper (database helper) class as opposed to a separate Login handler. As the project scope is relatively small, this allows us to easily keep track of what classes are accessing the database.

6. Requirements Changes

Notifications being sent and invitations closing after a specific due date were not able to be implemented.