EXECUTIVE SUMMARY of TEAM ANDROID's PROJECT:
TEAM MANAGEMENT APP
GROUPR

PURPOSE:

The Groupr app is designed to make group management easier and more unified across all members of the group. This app has the ability to create and manage schedules to link as many group members together for meeting times and project deadlines. A calendar will easily represent everyone's schedule, proper meeting times, and updates to group members who have sudden events change their weekly plans. In addition a file system will allow the group a central repo for all project contents. Email systems and event systems will alert group members and stimulate conversation throughout the group so that no one group member is out of the loop.

DESIGN:

- Groupr follows the MVC design guidelines. The Database that controls all of the group management is Model.
- The Groupr Project uses an HTML front end for Web Development and CSS for UI
- PHP is used to communicate the Webpage to the Database and collection of used variables
- SQL is used to create tables on the Database and send data through to the Webpage.
- Groupr intends to use server space on the ECST Servers on Chico State University. With this the Campus may openly use this as a student tool for group systems.
-

VERIFICATION:

The Groupr App is tested through a variety of systems because of its wide variety of languages. For HTML and Webpage construction, tests are used to verify complete routines, but this is otherwise tested by subjective collection of user's suggestions. This test is more to collect UI information and set up to create a cohesive and effective Webpage.

PHP is tested by personal Testing parameters such as return type checks and information validation. These tests are comprehensive and have shown flaws in data collection and user information that have been updated and remedied to show a complete and secure user experience without data collection errors.

SQL is tested also through personal Testing parameters by submitting test data through the database and monitoring proper encryption protocol and information collection to tables. PHP testing shows SQL data collection, but SQL data basing is tested with unique test groups to insure proper collection and storage.

CONCLUSION:

Groupr App is a comprehensive collection of group management tools that allow scholarly groups to manage times to meet, times to submit deadlines, and schedule events. It will also allow for complete project repositories.