Group 5 Status Report 1

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# Project

Group 5 will create an apartment management web application. It will meet the project requirements by implementing the following functionality:

* User logins for both tenants and staff.
* Maintenance request tickets to provide for transactions between tenants and staff.
* Messaging between tenants and staff.
* A calendar of upcoming events.
* Storage of the above information in a MongoDB Atlas cloud database.
* Possibly additional functionality if time allows.

# Accomplishments

## Past

Since the last status report, group 5 evaluated and chose the MERN technology stack, consisting of MongoDB database, Express web server framework, React front-end framework, and NodeJS Javascript server. Team members less familiar with the React technology stack began familiarizing ourselves with it.

## Future

By the next status report, group 5 expects to:

* Start building our backend API with NodeJS and Express.
* Start API testing with Postman
* Start integrating React

# Rough Project Timeline

## Milestone 1

* Substantial portions of server-side API complete and working.
* User login working frontend to backend.
* Beginnings of implementation of other screens.

## Milestone 2

* Most of app working.
* Initial front-end polish and CSS styling.

## Milestone 3

* Remainder of application completed.
* Final polish and CSS styling done.
* Any extra functionality added.