Milestone 7

1) **Project Reflection**

Kookaburra incorporated had a dream of completing a website that would allow users to connect with each other and share rides to their favorite events. Our website would help reduce emissions, increase a sense of community and increase accessibility to various events. The goals of our team were to have a login/signup feature, a way to create and view posts of events, and to provide contact information for users who want to ride share. We also discussed providing extra security by allowing the drivers to control who could see their contact information, but ultimately did not end up implementing that feature.

During the creation of our project, we had weekly meetings to discuss what needed to be done and what we had already completed. During these meetings, we would discuss what we were working on, and what we needed to get done. This was also an opportunity for review, as Sam or Kushal would often showcase their designs for the website and we could discuss how we wanted it to look as a team. This was the majority of how we communicated with each other, but we also used slack extensively to keep track of what each person was working on. Both of these approaches worked well for our team, as it was a way for each person to work fairly independently while also allowing them to access the resources of other people on the team through the different channels as well as through direct messages. By using these methods, it was

rare that members of the team would be working on the same thing without knowing about it. The great communication of our team allowed us to get things done efficiently and work together effectively to implement our goals. During the lead up to our presentation, we also met in person for several hours to go over what we were going to say. We used photoshop and powerpoint to make all of our slides and organize our thoughts. Finally, we used Google docs to complete all our writing, and to help collaborate what we were going to say during our presentation, to great effect.

However, some of the tools we tried to make use of ended up being less helpful than others. For example, although we created extensive trello boards, we rarely used them to guide our development and our focus was on more agile methods because we had such a small team. Therefore, it was easier for us to rely mostly on our in person meetings and on slack to organize our designs and development, rather than focusing on organizing the trello board and always making sure it was up to date. In this capacity, our usage of trello was unsuccessful. In addition, we used GitHub to organize our code base. However, it was difficult for us to consistently upload our finished work and therefore it was often impossible to know if the code on GitHub was up to date. Github did help us with sharing code, so overall it was useful, but our team did not take advantage of some of the features available with that kind of version control software. Ultimately, our use of version control software was both successful and unsuccessful.

We achieved our most basic goals with our website. The current functionality includes signup and login functionality, the ability to add posts, and the capability to view current posts. Our website is beautiful and responsive, implementing PHP, HTML, CSS, Javascript, and SQL to bring our goals to life. Although our website came together wonderfully, we still have some capabilities we would like to implement. In particular, adding more barriers between the contact information of the drivers and the general public. We feel it might be unsafe for drivers if their information is online and we want our users to feel safe and trust our website. Once we get the website hosted on a URL, we can begin to work on implementing our new features. Since we now have a working branch, the plan is to have individual feature branches that are separate while we work on new functionality. Once we're sure that a branch works, we can merge it into the master branch and put it into production. This agile methodology ensures that we always have a working project, so that if anyone makes a mistake or breaks their branch beyond repair, or if we ultimately decide a feature isn't what we want, the entire project won't be ruined, and we can still take advantage of working together on one branch and having it be up to date.

In conclusion, we have a basic working version of our website, but there are more features that could be implemented, such as a better search feature or a larger area of operation, to expand to more states than just Colorado. We can continue use of in person meetings and slack to communicate with each other, and with using github to organize our code base, because those were products that worked well with our team

organization. Finally, we will continue phasing out our usage of trello as a project organization tool to make the most out of our time. Using these tools, we can work together to bring carpooling connections to the next level and achieve our goal of bridging the gap between ride sharing tools such as Uber and Lyft and traditional carpooling.

2) Project Report

Goals and Objectives	Status	Plan
User will be able to create an account.	**Accomplished**	Our website has the ability for a user to create an account.
User will be able to sign-in to an existing account.	**Accomplished**	User's can sign-in on the sign-in portion of our website.
Ability to run website on most widely used browsers.	**Accomplished**	Our website work on Safari, Internet Explorer, Chrome and Firefox.
Modular Programming	**Accomplished**	Our website has supporting scripts along with the user design files. Therefore we can easily attach our most basic functions different web-page files.
Good usability	**In-Progress**	While we believe that our website has good usability, we still wish to do product testing with user's outside of our team. We plan to complete this by making surveys and testing unaffiliated users who have never seen our site. The surveys will collect their thoughts on our product's usability.
User will be able to message other users to find a ride.	**In-Progress**	Currently, we have the ability for a user to come in contact with another user by getting some of their personal details from the

		website (e.g. email address). We do not yet have a built-in messaging platform, however we plan to integrate one using something like the HipChat API.
Implement a consistent user-design across the website.	**Accomplished**	A unique standard user-design with a logo and color scheme was used where graphics were designed using Adobe Photoshop.
Implement a MySQL database to store user information	**Accomplished**	A MySQL database was created as can be seen in Milestone 3.
Proper Documentation	**In-Progress**	Currently, we just used comments inside our files, however we also plan to integrate Doxygen with both our existing and any new files. This is in order to have proper documentation for future developers.
User should be able to post and find a ride.	**Accomplished**	User's can create a posting and find other postings.