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| **What did you do that made a meaningful contribution to the teamwork in producing the final solution** | **Evidence of that work (artefact)** | **How did it fit in the team work/project work?** |
| Project devops including Heroku setup, GitHub integration, and automatic deployment. | Deployment information be seen within ‘Heroku.png’ in this folder.  Can also be seen in git commits ‘Initial commit’ and ‘Deployment test’ | Eased setup and deployment concerns for the team. |
| Setup a working CRUD app skeleton using CakePHP. | Seen in git commit ‘Moved CakePHP template’ | Allowed the team to concentrate on developing the project in a faster timeframe. |
| Tested the app for issues and reported bugs using GitHub’s issue tracker. | Can be seen in  tross78 Issue tracker contributions: https://github.com/tross78/IFB299/issues | Improved overall project quality and stability, as well as helping the team achieve milestone goals. |
| Helped develop and refine the final database design/ | Initial database design within ‘UML setup.xlsx’ file in this folder.  Seen in screenshot of final database design in this folder, ‘db-final.png’ | Created the final database design which was a vital piece in allowing the project to progress. |
| Integrated responsive CSS framework ‘Bootstrap’ into CakePHP. | Can be seen in git commit ‘added Bootstrap classes to page’ | Streamlined design of website without being stuck in technicalities of responsive design. |
| Integrated React, NodeJS, and Webpack workflow into CakePHP | Can be seen in commits 5fb6627 and b3bbea9 | Using Webpack made bundling multiple CSS, and Javascript files much simpler, as well as reducing page load.  Using React modules rather than JQuery plugins made it easier to use debugging tools and to ensure team members can easily add new modules without needing to know specific HTML ID tags on the page. |
| Created burndown charts | Can be seen in commits 71c1ed9, 20b239c and 00916f8 | Helped team look back at velocity and ramp up work in specific areas to better achieve deadlines |
| Redesigned layout to better support UX (animations, panels, labels) | Can be seen in commits b9f7725, 773decd, 023bcb9 and 575eaa8 | Allowed other team members to contribute additional design built on top of base design. |
| Helped team members programming problems | Can be seen in screenshots of Slack conversations in ‘tross\_teamhelp1.png’, ‘tross\_teamhelp2.png’ and ‘tross\_teamhelp3.png’ in folder. | Helped team achieve their goals faster and with confidence |
| Created test ‘fixture’ data for unit tests | Can be seen in commit 4501700 and screenshot ‘user\_testfixture.png’ | Data entered will not cause program crash |