The 3 action items that the team agrees to work on in the following 5 weeks are:

1. We are working on a 1 semester project and are currently in the development phase. The blog will be integrated with the existing client website. For maintaining uniformity, our client made it necessary for us to develop the blog using Next.js, Node.js and MongoDB, which were fairly new technologies for us. We have developed the project while learning these technologies. As is the case with situations like these, some bugs may have crept into the system. We need to incorporate expansive unit tests to find out and fix any bugs that may have found their way into the system. We intend to write unit tests to cover all cases for all methods to make sure we eliminate all bugs before the system is pushed to production.

2. Set up an AWS account for our client to host the blog and obtain root access for the same. We need to separate the front end and back end components of our code into two discernible packages. We also need to host these packages into separate AWS instances. This will ensure our code is up to industry standards and is easily maintainable in the future. After setting up AWS accounts and hosting the blog on AWS instances, we will have to set up alarms to notify our clients about irregular activities or increased traffic loads that can hamper user experience or degrade system health.

3. One of the win conditions we have outlined requires us to have analytics data for the blog so that our clients can have a clear picture of which topics/blog categories have good user engagement and also identify areas that need attention. We will have to look up various tracking services (example Google Analytics and similar services) and decide on which service is most appropriate for our use case. Next, we will be setting up accounts for our clients on the chosen analytics provider platform and will integrate the analytics tracking JavaScript code with our own codebase.