Perception Armored

Team Members: Anthony, Calvin, Evan, Ro

Sprint 3 Review

**Requirements ~**

* **Demo showing progress of sprint**

Text

Description automatically generated

Graphical user interface

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Graphical user interface

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Graphical user interface, application, Word

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A screenshot of a computer

Description automatically generated with medium confidence

Graphical user interface, text, application

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* **Report how the last Sprint went with regards to people**
  + No major problems with people
    - Thankfully we have a great group of guys working together and we all meld together nicely
    - There’s obviously gaps in professional experience, but that deficit is made up for in willingness to learn, grow and succeed
    - I made it clear to everyone that I am a peer, this is only an exercise for a project but I am 100% willing to help them with overall professional development in a work environment if they will meet me half way with honesty and transparency. It’s been a transformative process to say the least, but very rewarding to watch them grow and take this to the next level
    - We are very fortunate to gain a new member of the team that may or may not effect us in a positive way but will not negatively effect the progress of the project! With the addition of Charles, we were greeted with enthusiasm and cooperation once it was fully understood that he knew he would be part of our project
* **Report how the last Sprint went with regards to relationships**
  + Excellent, far exceeding my expectations for growth and development of relationships
    - At the beginning of the sprint there may have been some growing pains due to lack of understanding of schedule and tardiness of meetings but that quickly ended when we all had a heart-to-heart understanding that we will not meet our quota of seven daily SCRUM meetings if we don’t change what we’ve been doing. In the end, we came together and pulled out collective resources and responsibilities together to agree on a reasonable schedule that kept us accountable to each other
    - Our lack of understanding for each other and what we each could bring to the table was somehow brought together in unity with a strong foundational bond. Our working relationships and ability to bounce off ideas have been better now more than ever. As the vision and urgency come to focus, we are that much more determined to finish this project
    - Charles bring a unique set of skills and talent to our already diverse set of talented working relationships. We adopted his ideas and skillset and, from the beginning, made an environment of inclusion for the latecomer and it worked out well for us
* **Report how the last Sprint went with regards to process**
  + Meetings were a hogwash but blossomed to organized chaos
    - This is a special group of individuals that flourish on structure. Any wiggle room for shortcuts and we become skaters-R-us trying to break some old habits. For some, the senioritis hasn’t worn off yet but that wasn’t an excuse for me to give up on them!! I wasn’t going to allow outside influencers to be involved because then I also would have failed my job as SCRUM Master. Getting rid of hybrid meetings is what honestly saved our project.
  + Separating the group into Frontend and Backend dev team
    - This process could have been a lot smoother if members would have been able to share their code with the team more efficiently. Some ARE STILL having issues pushing to GitHub. Some are still unsure how to make their own branch. I am unsure of all the advanced git commands to fix these mistakes. I know enough how to do my job, but I’m unreliable when it comes to a git help desk. The main issue is not knowing what to do, it’s possessing the drive be resourceful enough to learn the answer on one’s own without being spoon fed the answers
    - Backend process has been a rollercoaster of excitement and disappointment. There is a guardian of knowledge by the gate keepers against newcomers and the problem is we are not in the related field so don’t know what appropriate questions to ask. To them it’s like we’re discovering fire for the first time and from forum to forum I have been told to do something else or try something easier. I will never qualify myself to anyone online, but as a submariner, I love the challenge and enjoy learning at a fast pace. We are used to learning ridiculous amounts of knowledge in very short amounts of time but that is never properly conveyed. So, the process has been slow. We aren’t getting the help we needed at the start and are distracted by the VM Ware solution. Ultimately it wouldn’t have mattered because I was distracted by the git fundamentals, so backend development took a backseat for the reasons mentioned during this sprint
* **Report how the last Sprint went with regards to tools**
  + VM Ware
    - It’s a good to have in-case we need it, not sure for what yet, but it’s there! Proof of Concept is only as good as our tools. A simple animated power point would have sufficed. If we have too many roadblocks with the FPGA boards, I’m happy it’s there
  + Vivado, Vitis
    - Wish we would have known about these a lot earlier to get our Zynq boards up and running. Furthermore, the documentation is a nightmare for these tools. I’m a learning by doing kind of guy, but the labs I’ve found are over the top complex
  + CSS Zen Garden
    - Also wish we would have used this a lot earlier too, but we needed to pick a template and our front-end dev team did great picking one out
  + Git/GitHub
    - Awful, it’s still a work in progress
  + VS Code
    - Great! I’m so happy everyone is finally using the same IDE
* **Identify and order the major items that went well**
  + 1. Unit cohesion
    - Through lots of meetings about personal development and professionalism, we’ve become a unified team aligned in our priorities to achieve mission success
  + 2. Meeting attendance
    - Nixing the hybrid meetings demanded more accountability and it worked in our favor. We turned around and by the 7th meeting, we became a more professional development team that was able to show up and take ownership accountability
  + 3. Calvin and Ro stepping up to the challenge
    - Calvin is rock solid and absolutely deserves a shout out for always showing up, being on time, doing his work, and giving no excuses.
    - From a void of desperation Ro stepped up and showed up to take on the role of Frontend Manager and SCRUM Master for Sprint 4. He often kept me accountable for my deliverables which is always needed. Not being afraid to speak up demonstrates assertiveness and, in a respectful manner and applied with impeccable timing, comes off as strong leadership
  + 4. Like a phoenix from the ashes, Evan came through to the best of his ability
    - I don’t care what they say, the kid has heart and deserves his own special recognition. I swear I became more of a big brother to him giving more mentorship attention to him than others. What sets him apart from the others and made this a major item that went well, is that he can take the feedback quite well. There’s still some genuine fear of saying I don’t know what that means beyond git which is masked by a smile and nod, but the active listening skills are well adapted and likeable for a professional setting. He takes feedback, no matter how rude I may seem, and thanks me for being honest. I tell him and the rest of the team, it’s better me tell you these obvious gaffes and lack of professional traits now than to be fired for them later in life at a job
* **Identify potential improvements**
  + Listening to the naysayers to find shortcuts
    - It’s easy to let a project like this overwhelm, but when the other group has been pretty much done for awhile it’s hard not to be envious and look for an easy way out
  + Kill the nesting of folders
    - A couple members have not yet adopted version control of a unified main branch, this needs a lot of work
  + The website
  + The networking magic we still need to learn how to do with our Zynq boards and Apps Servers
  + Recruiting instructors pinpoint advice on specified topics