

EE / CprE / SE 492 – sddec18-12

360 Webcams for Zoos and Aquariums

Week 12-13 Report: 2018.11.06 - 2018.11.19

General Information

Client: True 360 (Christopher James)

Faculty Advisor: Dr. Henry Duwe

Team Members:

<u>Name</u>	<u>Primary Role</u>	<u>Secondary Role(s)</u>
Nathan Cool	Front-End Engineer	Project Manager, Webmaster
Zach Newton	Front-End Engineer	Scrum Master, QA
Ian Jamieson	Machine Learning	Graphics Lead
Alan Negrete	Front-End/Back-End	Scribe, QA
Tarek (TJ) Yacoub	Embedded Engineer/SRE	Communication Lead, QA
Hosam (Sam) Abdeltawab	Embedded Engineer	Software Architect

Weekly Summary

The past two weeks have been dedicated to completing final feature implementation and continuing to refine the integrated components of our project. Additionally, our team began planning for our post Fall Break tasks.

Past Week Accomplishments

Nathan: Continued working on final project documentation (design document v2 / final report, final presentation, final poster, and team website).

Zach: Finished implementing app flow with global zoo context. Fixed a few bugs.

Ian: Worked on fixing bug where activity tracker wouldn't on videos longer than 60 seconds.

Alan: Fixing bugs.

TJ: Integration testing.

Sam: Testing

Recent Group/Client/Advisor Meetings

<u>Date, Time, Location</u>	<u>Participants</u>	<u>Details</u>
2018.11.06, 15:00 - 16:00, Atanasoff 223	Team + Advisor	General meeting
2018.11.08, 14:00 - 15:00, Atanasoff 213	Team + Client	General meeting
2018.11.13, 15:00 - 16:00, Atanasoff 223	Team + Advisor	General meeting
2018.11.13, 14:00 - 15:00, Atanasoff 213	Team + Client	General meeting

Pending Issues

Nathan: Need to collect some component-specific details from each team member to include in the final report and “user guide” documentation.

Zach: Need to polish up the archive video view. Chris wants to be able to delete and edit the names of videos.

Ian: I need to continue fixing the bug with videos longer than 60 seconds.

Alan: Work with TJ to update frontend & services to be able to enter a predefined video name before recording.

TJ: N/A

Sam: N/A

Individual Contributions

<u>Name</u>	<u>Individual Contributions</u>	<u>Hours This Week</u>	<u>Total Hours</u>
Nathan Cool	SEE PAST WEEK ACCOMPLISHMENTS	15	95
Zach Newton		15	89
Ian Jamieson		13	96
Alan Negrete		10	86
Tarek (TJ) Yacoub		5	107

Hosam (Sam) Abdeltawab		7	92
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Upcoming Plans

Nathan: Plan to have rough drafts of all project documentation completed by the Monday after Fall Break.

Zach: Polish archive video view. User permissions editing ui hopefully.

Ian: Start working on documenting concepts used to implement activity tracker and possible use cases for future work.

Alan: Working with Zach on front end polishing.

TJ: Add custom name parameter for archived videos, as well as a delete functionality.

Sam: Cleaning up code for better integration and usage