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| Software Requirements Specification V1.1  Capstone Spring Quarter  *Team Members - Tashib Alam, Yasir Egal, Stephanie McGinty, Dashia Ricks-Carter* | MXT Reality 2 – Zoo Experience |
| Project Overview | Scope Our goal is to create a virtual reality experience that brings the zoo experience to the user wherever they are. For many people, an actual trip to the zoo can be a challenge. We hope to make this easier with a program that utilizes 360-degree footage of zoo animals integrated into a VR experience. Seeing the animals is not only fun and exciting, but also educational and should be an easy and enjoyable experience for everyone.  Working with either a local zoo and/or sanctuary (most likely either Woodland Park Zoo in Seattle or Northwest Trek Wildlife Park in Eatonville), we aim to film about five different animals in their zoo habitats. If possible, we hope to have a zookeeper/handler demonstrate feeding and other activities. We want to capture the behavior of the animals in their environments and get as up close and personal as we can. Transforming going to the zoo into a VR experience can positively impact zoos and sanctuaries by bringing more recognition and knowledge of zoo animals and zoos in general to the public.  This immersive experience will allow users to be able to view the animals and interact by clicking for more information on animals and exhibits. We will possibly be highlighting interviews with the zookeepers. Quiz questions on each animal will be featured for a more game-like experience. |
| Project Details | Requirements  * Permission to obtain 360-degree footage of animals at either a zoo or sanctuary   + We are in contact with both Woodland Park Zoo and Northwest Trek Wildlife Park  360-degree camera for filming at locationObjectives  * Trip to the zoo/field trip experience * Caretaker perspective of a about five animals * Feeding * Day in the life of the animals * Trip to the zoo/field trip – feature about 5 animals    Features  * Click for more information on animals/exhibits * Interviews from caretaker(s)? * Quiz questions on animals  Meet the Animals In or zoo experience, we hope to feature about five different species of animals.  If filming at the **zoo**, this could include:   * Lions, tigers, or another type of big cat * Penguins * Gorillas or Orangutans * Red Panda * Gray Wolf * Brown Bear   If filming at the **sanctuary**, this could include:   * Cougars * American Bison/Moose * Bobcats/Lynx * Gray Wolf * Red Fox |