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Class: Capstone Porject

Risk Management

Project: Ztube

The development of Ztube, a game video and blogging platform, presents several potential risks that could impact the project. Despite careful planning, unexpected issues may still arise, such as corrupted files, illness within the team, hardware malfunctions, Wi-Fi problems, and other unforeseen challenges. By preparing in advance, we can effectively address these potential problems.

Findings the risk source

Risk closeout:

Risk

| risl | mitigation | closeout |
| --- | --- | --- |
| Corrupted files | Back up files, store information in the cloud, and use external storage devices like hard drives and flash drives. | Recovery can be challenging and may not be possible if the corruption is severe. |
| Team member unavailability | Make sure all members understand the work | Ensure all tasks are divided equally |
| Time | Create a timeline for the project | Ensure you work based on the timeline and make necessary adjustments regularly. |
| Hardware failure | Make sure you have a backup or other devices to work on | Ensure each member has a copy of everyone's work in case of hardware failure. |

Itemized Risk Table

| ***Item*** | ***Risk Level*** | ***Potential Impact on the Project*** | ***How to address the Risk*** |
| --- | --- | --- | --- |
| Laptop | Very High | Hardware failure can lead to set-backs | Make copies |
| Member Schedules | Medium | Members might not be able to meet at a given time | Make sure all members have set aside free time to talk |
| internet | high | Slow wifi or no wifi can lead to a work being stalled | Ensure that all your work does need wifi so you can work offline |
| Software problem | low | The software where the work is stored may become unavailable. | Have a backup software |
| Time | medium | Having too much on your plate can lead to not finishing tasks on time. | Plan accordingly and work within the schedule |
| Nature | low | Natural occurrences can happen, leading to issues with Wi-Fi and other problems. | Have backups both online and physicals |

Risk Assessment Matrix

A risk assessment matrix is used to prioritize risks by plotting them based on how likely it is to happen and its impact on the project. Thus helps us to focus on the risks that need more attention .

| ***Level 1*** | ***Level 2*** | ***Level 3*** | ***Mitigation*** |
| --- | --- | --- | --- |
| technical | Hardware failure | Laptop fails | Make sure all work is backed up and up to date |
| Technical | Files | corrupted | Ensure all work is saved properly and stored both in the cloud and externally. |
| Technical | Software unavailability | The software could be down or unavailable | Have a backup software where you can work still and have a backup |
| Timeline | To much work | Project deadlines | Ensure you have a clear vision, outline tasks, and share work equally. |
| People | Availability | Schedule | Ensure that each member has a scheduled date to meet and discuss the project, questions, and any other issues. |
| Financial | NO MONEY | Cant afford software | Explore alternative options that are free and safe from viruses. |