# Delivery skills

**Task: Review project artifacts below, identify any issues or concerns, and how you would approach or change things.**

**Project:** Development of a new e-commerce platform

**Start Date:** August 1, 2023

**End Date:** December 31, 2023

**Artifact 1. Project plan**

1. Requirements gathering and analysis - 2 weeks
2. UX/UI design - 4 weeks
3. Front-end development - 8 weeks
4. Back-end development - 10 weeks
5. Integration testing - 4 weeks
6. User acceptance testing - 4 weeks
7. Security testing - 2 weeks
8. Deployment - 2 weeks
9. Bug fixing and maintenance - 4 weeks

**Issues :**

1. **Project Planning task missing . This includes defining project goals, creating a project plan, scheduling, and overall project management. I would add 2 weeks here.**
2. **Unit testing is not clearly identified.**
3. **Performance or Load Testing is missing. This is very important for an eCommerce platform. I would allocate 2 weeks for Performance testing.**
4. **Time not allocated for test strategy and test cases /user stories.I would add 2 weeks here.**
5. **Content Creation ,Product Catalog and Branding is missing. I would add 4- 6 weeks for Developing product descriptions, images, videos, and other content needed for the eCommerce platform.**
6. **Marketing and Promotion: I would add tasks for allocating resources for marketing strategies, SEO optimization, social media campaigns, and other promotional activities.**
7. **Infrastructure and Hosting: I would add 4- 6 weeks for**
8. **Server setup and configuration**
9. **Cloud hosting services**
10. **Network infrastructure and security**
11. **Customer Service and Support: I would add 2- 4 weeks for** 
    1. **Customer support team**
    2. **Helpdesk software or ticketing system**
    3. **Chat and email support**
12. **Analytics and Reporting: I would add 2- 4 weeks for** 
    1. **Implementation of analytics tools (Google Analytics, etc.)**
    2. **Tracking website performance and user behavior**
    3. **Generating reports and insights**

**Artifact 2. Resources plan**

1. Project Manager - 100% of their time dedicated to the project
2. Business Analyst - 50% of their time dedicated to the project
3. UX/UI Designer - 100% of their time dedicated to project
4. Front-end Developer - 100% of their time dedicated to project
5. Back-end Developer - 100% of their time dedicated to project
6. Quality Assurance Engineer - 50% of their time dedicated to project
7. DevOps Engineer - 50% of their time dedicated to the project

**Issues :**

**1.I would allocate Cyber security ,Load testing engineers and technical architects for e2e design.**

**2. Back up resource plan is missing. I would identify back up resources for key roles**

**Artifact 3. Risk management plan**

| **Risk** | **Mitigation plan** |
| --- | --- |
| Delay in third-party components delivery | * Plan for possible delays by adding buffer time to the project schedule |
| Technical issues during development | * Allocate additional resources or bring in external expertise if required |
| Insufficient resources | * Hire additional staff or outsource tasks to a third-party vendor |
| Scope creep | * Define and communicate the project scope clearly at project kick-off |
| Unavailability of key team members | * Maintain regular communication with team members to identify any potential issues |

**Issues :**

1. **Buffer not identified or added to the plan. I would allocate 4 - 6 weeks as a buffer to the plan.**
2. **Budget not stated or identified. This is important for baselining of project , controlling cost and allocation of additional resources if any.**
3. **Scope not stated or identified. Scope baselining is a must to control scope creep and change manage any changes to the original scope.**
4. **Stakeholders not identified . This is required to communicate project scope, plan , status updates , escalations etc. I will identify key stakeholders and tailor a communication plan according to their needs.**