

Part 1 Group Draft Version

CSC 580.

PM Project of Group 3.

Phase 1 of our course project.

Part 1

Task:

Review the seven processes of project integration management and identify which processes are needed to begin planning the project from an agile perspective. Briefly explain your reasoning for including and excluding processes. The processes are listed below and explained in more detail in the Module 4 Reading. Seven processes of project integration management

1. Develop the project charter
2. Develop the project management plan
3. Direct and manage project work
4. Manage project knowledge
5. Monitor and control project work
6. Perform integrated change control
7. Close the project or phase

Response:

Develop the Project Charter: Essential for defining project scope, stakeholders, and objectives from an agile perspective.

Develop the Project Management Plan: Crucial for outlining agile frameworks like Scrum, including sprint planning, daily stand-ups, and retrospectives.

Direct and Manage Project Work: Aligns with agile principles by focusing on iterative development cycles and continuous improvement.

Manage Project Knowledge: Important for maintaining transparency and collaboration through regular sprint reviews and retrospectives.

Monitor and Control Project Work: While monitoring is important, agile methodologies emphasize adaptive control rather than rigid monitoring, making traditional controls less necessary. I would still include this though.

Perform Integrated Change Control: Vital for adapting to user feedback and market changes efficiently within agile iterations.

If any, this one is the one we could drop. Also, I would utilize all of them but would drop this if we needed to drop one.

Close the Project or Phase: Agile projects often operate continuously with ongoing iterations, making formal closure phases less applicable.

Part 2

Task:

Begin developing a project charter for the health-care app project. Assume that the project will take four months to finish and have a budget of \$350,000. Use the project charter template provided in this text and the sample project charter in Table 4-1 if you need assistance. Project personnel have not been determined yet, so do not be concerned for now with this area of the charter.

Response:

I have looked at the 4-1 table in our textbook which gives a good example. I looked at Zoiya's version also and it looks very good, utilizing the template format of the 4-1 table. I don't think I would change or add anything on that. I will look at this more and possibly come up with a somewhat different Project Charter though.

Part 3

Task:

Third Avenue first needs to identify a good project manager. Remembering your study of agile concepts in the text, by what title is the project manager known when using a Scrum approach? What skills and qualities must this person possess to lead the project effectively? How do these skills and qualities differ in a Scrum approach versus that of a more traditional project management style?

Response:

Title: ScrumMaster or Product Owner (depending on focus).

Skills and Qualities:

Strong facilitation skills to guide the team through sprints and stand-ups.

Deep understanding of agile methodologies, particularly Scrum.

Excellent communication and leadership abilities to foster a collaborative environment.

Empathy and adaptability to navigate diverse user needs effectively.

Differences from Traditional Management:

Agile roles emphasize servant leadership rather than authoritative command, encouraging team autonomy and self-organization.

Focus on iterative progress and continuous improvement rather than linear milestone tracking typical in traditional project management.

Part 4

Task:

Next, the person identified in Task 3 must form a team and establish a project framework within which the team will create a successful app. Describe at a high level how the team and framework will function, using as many relevant terms and concepts from Scrum as possible.

Response:

Team Structure: Cross-functional teams including developers, designers, testers, and possibly health experts to ensure successful app development.

Framework Functioning:

Sprints: Short iterations (typically 2-4 weeks) focusing on delivering functional increments of the app.

Daily Stand-ups: Brief meetings to discuss progress, obstacles, and plans for the day.

Sprint Reviews: Regular presentations to stakeholders to showcase completed work and gather feedback.

Retrospectives: Post-sprint meetings to reflect on processes and identify improvements for future sprints.

Collaborative Tools: Utilization of tools like Jira for task tracking, Discord for communication, and Trello for sprint planning boards. These are some popular choices, I am not saying really recommending them though at this point, with this more a brainstorm. We are using Discord, so that is good. As for task tracking and sprint planning boards, I have very little experience using this type of software in general.

Part 5

Task:

After identifying a manager, team members, and project framework, Third Avenue needs to research the market to determine what competing apps might exist and how they operate. Your task here is to locate a similar mobile app or online program and then get a feel for its content and users. Use a targeted Web search to find the app or program and then spend a half-hour or so reading about it to get an idea of what the Third Avenue application should be able to do. Describe your findings in a bulleted list. Is something important missing from the preceding list of features for the health-care app?

Response:

Market Research Findings:

Epocrates

This app sounds fairly similar to our feature list for our app.

- Learning features
- Drug info
- Pill info
- Interaction check
- Clinical guidelines

Some of the features we are needing appear to not really be covered though. My view is that it looks very advanced on the technical aspects of medication, with us possibly integrating some of these features. This is probably viewed as a less patient and doctor direct interaction app, and more of a informational app. I have not used it so I don't know exactly all the features though.

Part 6

Task:

Once the team has studied the app or program in Task 5, an initial meeting is necessary to discuss the features and content needed for the software's first software iteration and to assign tasks to team members. The team also needs to establish schedules for project milestones and subsequent

meetings. List your ideas for conducting the initial meeting and for creating an initial high-level schedule, using as many relevant terms and concepts from Scrum as possible.

Response:

Initial Meeting Structure:

Kickoff Session: Introduce project goals, roles, and agile methodologies.

Sprint Planning: Outline initial sprint goals, define user stories, and allocate tasks based on expertise.

Roles Clarification: Ensure everyone understands their responsibilities within the Scrum framework.

High-Level Schedule Creation:

Backlog Grooming: Regular sessions to prioritize and refine user stories and tasks.

Sprint Cycles: Define sprint lengths (e.g., 2 weeks) with clear start and end dates.

Review Meetings: Schedule bi-weekly reviews to assess progress and gather feedback.

Retrospective Sessions: Weekly retrospectives to refine processes and improve efficiency continuously.