

# **Work Breakdown Structure Template for collaboration peer teaching system**

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## **1.0 Initiating.**

- 1.1 Summarize the needed system features.
  - 1.1.1 Summarize the website features.
  - 1.1.2 Summarize the android app features.
  - 1.1.3 Summarize the apple IOS app features.
- 1.2 Define the system Content.
  - 1.2.1 Define the website content.
  - 1.2.2 Define the android app content.
  - 1.2.3 Define the apple IOS content.
- 1.3 Review past lessons learned.
- 1.4 Develop business case.
- 1.5 Project Statement of Work
- 1.6 Develop Project Charter.
- 1.7 Determine project scope.
- 1.8 Determine major Milestones.
- 1.9 Identify stakeholders and sponsors.
- 1.10 Assemble Project Teams, and define roles.

## **2.0 Planning.**

- 2.1 Create team contract.
- 2.2 Develop the scope statement.
  - 2.2.1 Determine the initial scope statement.
  - 2.2.2 Develop scope controlling plane.
  - 2.2.3 Finalize scope statement.
- 2.3 Create WBS.
- 2.4 Create budget and cost estimation.
- 2.5 Prepare schedule.
- 2.6 Identify system needs.
  - 2.6.1 Identify hardware needs.
  - 2.6.2 Identify software needs.
  - 2.6.3 Identify network needs.
  - 2.6.4 Identify the needed tools.
- 2.7 Develop risk analysis.
- 2.8 Document Expectations.
- 2.9 Develop management plane.

## **3.0 Executing.**

- 3.1 Content management system(CMS).
  - 3.1.1 Research open source CMS.
  - 3.1.2 Determine proper CMS.
  - 3.1.3 Install CMS.

- 3.1.4 Configure CMS.
    - 3.1.5 Document CMS.
  - 3.2 Templets and tools.
    - 3.2.1 Create Templets.
    - 3.2.2 Purchase tools.
  - 3.3 System design.
    - 3.3.1 Website design.
      - 3.3.1.1 Design site layout.
      - 3.3.1.2 Design site navigations.
      - 3.3.1.3 Accessibility.
    - 3.3.2 Android app design.
      - 3.3.2.1 Design app layout.
      - 3.3.2.2 Design app navigations.
      - 3.3.2.3 Accessibility.
    - 3.3.3 Apple IOS app design.
      - 3.3.3.1 Design app layout.
      - 3.3.3.2 Design app navigations.
      - 3.3.3.3 Accessibility.
  - 3.4 System construction.
  - 3.5 Implementing design.
  - 3.6 Measure project benefits.
  - 3.7 Develop system security.
  - 3.8 Integrate system components.
- 4.0 Deployment.
  - 4.1 Deploy the system software on the hardware.
  - 4.2 Deploy the system on the provided network (internet).
  - 4.3 Rollout.
    - 4.3.1 Pilot.
    - 4.3.2 Review pilot with stakeholders.
    - 4.3.3 Deploy production system.
- 5.0 Controlling.
  - 5.1 Staff status meetings.
  - 5.2 Stakeholders statues reports.
  - 5.3 Implement integrated change control.
  - 5.4 Execute specific changes control plane.
  - 5.5 Measure and report performance.
  - 5.6 Monitor project variance.
  - 5.7 Testing.
  - 5.8 Fix defects found in testing stage.
  - 5.9 Training.
  - 5.10 Documentation.
- 6.0 Closing.
  - 6.1 Review and accept project results and customer acceptance.

- 6.2 Evaluate results.
- 6.3 Create software and hardware maintenance team.
- 6.4 Update and archive all project records.
- 6.5 Reassign resources and release team.
- 6.6 Make lessons learned report.
- 6.7 Get project sponsor acceptance.