# Software Project Management Plan

**1.3.4. Future plans**

Within our current product is only support route through from two to four points and just use Vietnam’s map. In our future point, we see that within two improvement below, the product will widespread in tourism industry:

* In routing, we will support route through many points. Within this improvement, the product will be great support for backpacking tourism and traveler who want to through many place.
* In map, we will allow user apply another map after that it will integrate into application. Thus, user can use our application with map, which they want to. So that, it so helpful and convenient in travelling on many countries.

**3.2 Phase Detail**

**3.2.1 Phase 1: Requirements Definition**

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| Task | Description | Author |
| Identify and clarify system requirements. | Research current systems to collect requirements.  Define main and needed functions the system must include. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |

**3.2.2 Phase 2: System and Software Design**

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| Task | Description | Author |
| Identify hardware and software requirements. | Find out the suitable hardware and software for the system, as well as its minimum and recommended requirements. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |
| Decide software architect and clarify software detail design. | - Define the major software components and interfaces.  - Draw core flow diagram, use case diagram, prototype …  - Group meeting to review and modify. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |
| Design database. | - Design database for the system. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |

**3.2.3 Phase 3: Implementation and Unit Testing**

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| Task | Description | Author |
| Implements all functions of system. | Coding all the components. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |
| Create test plan. | Planning for testing. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |
| Perform Unit testing. | - Write Unit test cases.  - Implement Unit tests. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |

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| --- | --- | --- |
| Task | Description | Author |
| Perform integration test and system test. | - Test groups of modules and test whole the system. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |

**3.2.4 Phase 4: Integration and System Testing**

**3.2.5 Phase 5: Operation and Maintenance**

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| Task | Description | Author |
| Deploy the system | Deploy the system in client environment. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |
| Create the user’s manuals. | Create a guideline to instruct users using system. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |
| Do routine maintenance activities. | Do routine maintenance activities for client system. | Huỳnh Quang Thảo  Nguyễn Trung Nam  Trần Thanh Ngoan  Ngô Tiến Đạt |

**3.3 Task sheet**

Refer to “Task sheet” folder.