**Project Status Report I**

**Date of Report Issue/Prepared**: 2020/01/10

**Report Prepared By**: Group T27

**Employer/Organization**:

Parisa Khataei – Mahdi Esmaeelpour – Nadezhda Mokhireva – Vladislav Bordiug

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| **Project Name:** | TopFit Application | |
| **Project Team:** | Group T27 | |
| **Period Reporting:** | Start Date: **Jan 06, 2020** | End Date: **Jan 19, 2020** |
| **Overall Project Health:** | Green (Good) - Yellow (Warning) - Red (Bad) | |

# Summary

**Project Status Summary**

TopFit application has undergone thorough revision by both the development team members and the course instructor. After the presentation of the mockups and the last working version of the application, feedback was given to the team. The suggested changes were implemented, and new functionality was added. At this point of the development, the project progress is in line with the plan: the majority of the tasks run as expected, no significant issues are experienced.

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| **Accomplished as planned** | **Planned but not accomplished** |
| * communication with the database * authentication * database design * communication with sensors * simple UI (no custom design) | * custom UI * Google Maps integration |

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# Upcoming Objectives for Jan 20, 2020 to Feb 2, 2020

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| **Planned Activities/Tasks for Next Period** | | | |
| Activity/Task | Assigned To | Duration | Date |
| Improve sensor reading accuracy | Nadezhda Mokhireva, Parisa Khataei | 3 hours | January 13, 2020 |
| Update API to handle additional processing (GPS tracking data, sensor data) | Parisa Khataei | 12 hours | January 14, 2020 – January 16, 2020 |
| Develop functions to process and meaningfully represent sensor data | Mahdi Esmaeelpour | 14.5 hours | January 16, 2020 – January 18, 2020 |
| Write exercise video Transcripts | Nadezhda Mokhireva | 10 hours | January 17, 2020 – January 20, 2020 |
| Complete recording draft videos | Vladyslav Bordiug | 20 -25 hours | January 20, 2020 – January 28, 2020 |
| Edit the videos | Nadezhda Mokhireva | 10 hours | January 29, 2020 – January 30, 2020 |

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| **Milestones for Next Period** | | |
| Milestone (Objective) | Assigned To | Delivery Date |
| Record exercise videos | Nadezhda Mokhireva, Vladyslav Bordiug | January 30, 2020 |
| Add GPS tracking feature | Parisa Khataei, Mahdi Esmaeelpour | February 1st, 2020 |
| Improve the accuracy of reading sensor data | Nadezhda Mokhireva | January 20, 2020 |
| Make UI more user-friendly | Vladyslav Bordiug | January 29, 2020 |

# Managing Issues and Risk

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| **Issues/Problems** | **Resolution Strategy** | **Due Date** |
| Insufficient time to implement all the desired features | Focus on the most important features first, allocate the remaining time to the development according to the feature’s priority | January 16, 2020 |
| Some software can’t be installed on a developer’s machine | Use alternative software with similar functionality; use the hardware in college | January 12, 2020 |
| No budget for research | Use open-source libraries and technologies; search for help in developer communities | (none, because there’ll be no budget) |
| Implementing authentication took longer than planned | Re-distribute the workload within the team; adjust the plan so that the work is still completed before the deadline | January 18, 2020 |