**Project Status Report II**

**Date of Report Issue/Prepared**: 2020/01/29

**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 20, 2020** | End Date: **Feb 02, 2020** |
| **Overall Project Health:** | Green (Good) - Yellow (Warning) - Red (Bad) | |

# Summary

**Project Status Summary**

Since the last review, new functionality was added. One core feature is being tested in a separate module and by the end of the report period will be included in the application. At this point of the development, the project progress is in line with the plan, no issues are experienced.

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| **Accomplished as planned** | **Planned but not accomplished** |
| * Update API to handle additional processing (sensor data) * Develop functions to process and meaningfully represent sensor data * Write exercise video transcripts * Complete recording videos * Edit the videos | * Improve sensor reading accuracy * Update API to handle additional processing (GPS tracking data) |

# Upcoming Objectives for Feb 3, 2020, 2020 to Feb 23, 2020

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| **Planned Activities/Tasks for Next Period** | | | |
| **Activity/Task** | **Assigned To** | **Duration** | **Date** |
| Test GPS tracking functionality in a separate module | Mahdi Esmaeelpour | 16 hours | Feb 4, 2020 – Feb 10, 2020 |
| Connect the fragments within the layout (*Choose exercise* screen) | Vladyslav Bordiug | 12 hours | Feb 5, 2020 – Feb 15, 2020 |
| Represent user statistics in charts / graphs on the *History* screen | Nadezhda Mokhireva, Parisa Khataei | 18 hours | Feb 9, 2020 – Feb 20, 2020 |
| Test the application with added functionality | Vladyslav Bordiug | 3 hours | Feb 21, 2020 |

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| **Milestones for Next Period** | | |
| Milestone (Objective) | Assigned To | Delivery Date |
| Add GPS tracking feature | Parisa Khataei, Mahdi Esmaeelpour | Feb 13, 2020 |
| Display user statistics | Nadezhda Mokhireva | Feb 20, 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 | Feb 20, 2020 |
| Some software can’t be installed on a developer’s machine | Use alternative software with similar functionality; use the hardware in college | Feb 20, 2020 |
| Test fails when using a different device (beta-testing) | Search for help in developer communities; compare the device configurations | Feb 22, 2020 |

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| **Upcoming Risks** | **Risk Ranking**  **(Hi, Med, Low)** | **Risk Impact**  **(Hi, Med, Low)** | **Mitigation Strategy** |
| Power shutdown while development in progress | L | L | Having a backup for all code; having another location to conduct development |
| Hardware failure | M-H | L | Have a backup piece of hardware for replacement / use college hardware |
| Unable to implement a feature | M | M | Consult a senior developer; search help in available resources |