What
An IT-solution to assist the decision-making of doctors having a patient with suspected cancer and expedite patient pathways in the pre-diagnosis stage

Why and for whom
Long waiting times from suspected cancer to final treatment decision cause stress and decrease the efficacy of cancer therapy resulting in shorter survival of patients. Hospitals and Health Insurance Funds are facing not-optimal use of resources and higher treatment-related costs due to more expensive treatment modalities since with waiting, a higher proportion of patients develop metastatic disease. The solution is meant to be used mainly by family doctors and oncologist, but the real beneficiaries are the patients.

Expected outcome
An IT solution that:

- has tools for medical staff of their specific area of expertise to define "suspected cancer" criteria for family doctors
- enables family doctors to enrol their patients meeting the criteria for further investigation
- provides means for defining care-paths for each type of cancer (e.g. CT chest-abdomen on 06.09.19, bronchoscopy 07.09.19, oncologist visit 14.09.19) and applying these to enrolled patients

The more precise scope of the system functionality is to be agreed on with students.

Conditions
Any outcomes produced by the student team under and within the framework of the Software Project and any transferable intellectual property rights related thereto, incl. all the economic rights of the author and rights to protect intellectual property are transferred to Tartu University Hospital from the moment of creating them.

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