Features Overview	SOLAIRA
Interactive, freely selectable input fields relating to COVID-19 patients:	√
Possibility to enter suspected cases in the hospital	√
Input option for inpatient COVID-19 patients on the normal ward with moderate and severe course	√
Input option for inpatient COVID-19 patients on the ICU with a critical course	√
Forecast of inpatient admissions due to COVID-19 for the next few days in the respective categories (normal ward, ICU)	√
Forecast of the cumulative COVID-19 patient volume (i.e. forecast of new admissions plus inpatient patients minus outpatient patients)	√
Forecast of total staffing requirements (doctors and nursing staff) for the next few days in connection with COVID-19 patients (including fluctuation range)	√
Ongoing, customizable personnel and resource monitoring	√
Total number of beds, number of beds occupied, staff available, ventilation places available, presentation of a comparison of forecast demand / available supply	√
Reporting feature including export (pdf)	√
Integration of regions at NUTS 3 level[1] and consideration of regional differences in the calculation model	√
Ability to select several regions at the same time	√
Activity catalogs for COVID-19 patients (focus on additional tasks for COVID-19 patients)	√
Implementation of region-specific forecasts for Austria, Germany and the United Kingdom	√
Link to Solgenium data warehouse (relevant reference values for efforts and activities)	√
Expected additional material requirements	√
Consideration of the infrastructure (e.g. ventilation places)	√
COVID-19 - wiki with links to relevant websites / sources	√

The left vertical label for the table reads: **PREDICTIVE RESOURCE MANAGEMENT FOR COVID-19 PATIENTS**

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[1] A level 3 NUTS region is defined as an administrative unit with typically between 150,000 and 800,000 inhabitants. In Austria, a NUTS 3 region consists of several districts, in Germany a NUTS 3 region is defined at the state district level and in the United Kingdom at the level of districts and boroughs.