

## Model Development Phase Template

Date	15 March 2024
Team ID	SWTID1720437019
Project Title	Thyroid Classification
Maximum Marks	5 Marks

## Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
query_hypothyroid	Query on hypothyroidism	Yes	Relevant for identifying potential cases of hypothyroidism.
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lithium	Lithium medication usage	Yes	Relevant as lithium can affect thyroid function.

Tumor	Presence of thyroid tumor	Yes	Tumors can affect thyroid function and are relevant.
hypopituitary	Hypopituitary condition	Yes	Relevant as pituitary disorders can affect thyroid function.
psych	Psychological medication usage	Yes	Relevant as certain psych medications can impact thyroid function.
T3	Triiodothyronine level	Yes	Active thyroid hormone level important for classification.
TSH	Thyroid Stimulating Hormone level	Yes	Primary indicator of thyroid function.
TBG	Thyroxine-Binding Globulin level	Yes	Protein carrier for thyroid hormones relevant for classification.