

# Business Case Template.

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**Context.**

Power a world of trust



# Backend Engineer

Incode is the **leading provider of world-class identity solutions** that is reinventing the way humans authenticate and verify their identities online to power a world of digital trust.

Through our revolutionary identity solutions, we are unleashing the business potential of universal industries including finance, government, retail, hospitality, gaming and more, by reducing fraud and transforming human interactions with data, products, and services.

We're in the process of scaling our diverse global team and we're looking for entrepreneurial individuals and leaders who are curious, driven, and excited by ownership to join a Unicorn-status scale-up!

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# Evaluation Criteria.

Power a world of trust

# Deliverable

1. Build a web application using Spring or any other web framework.
2. Application should have an endpoint that accepts a collection of elements.
3. Each element should represent a string value and list of transformers that will be applied to the value.
4. Each transformer identified by groupId and transformerId and may have optional parameters
5. Using annotations implement three transformers that can be applied to incoming elements values
  - 1st transformer should accept regex as parameter, find matches in element value and remove it from original value.
  - 2nd transformer should accept regex and "replacement" as parameters, find matches in original values and replace them with value given in parameter.
  - 3rd transformer should detect Cyrillic and Greek letters in given value and convert those letters to Latin.
6. Transformers should be applied in a given order and produce response with original and transformed values.
7. Treat this application like a real service that you plan to push into production, support and extend.

# Good Luck!

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For any questions, you can email  
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We are looking forward to seeing your insights and how they  
can potentially shape the future strategy of Incode!