FLOWX.AI

GETTING STARTED / building-your-first-proc

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GETTING STARTED / Building your first process

Prerequisites

Let's dive into an example. 🚀

- **Step 1**: Design a BPMN process

- **Step 2**: Define and manage a process flow using

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- **Step 3**: Run a process instance in

  The fallback content to display on prerendering

- **Step 4**: Create the

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- **Step 5**: Connect

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Designing the BPMN process: request a new credit card from a bank app

Let's start with designing the BPMN process diagram for our sample use case: requesting a new credit card from a bank app.

Sample process steps

We'll take as a

The fallback content to display on prerendering
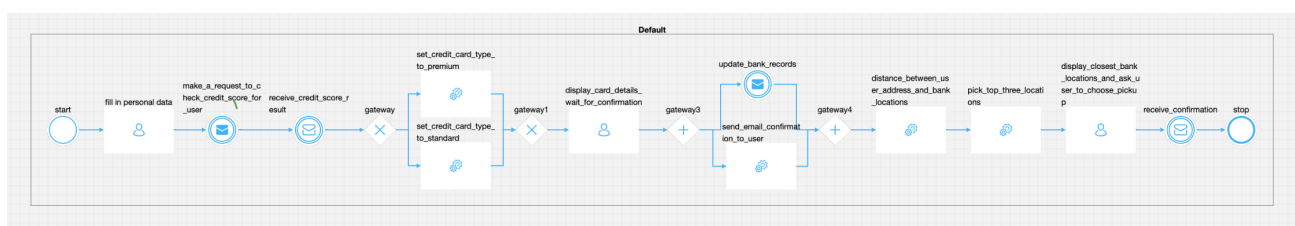a credit card application. It will have the following steps:

- a user makes a request for a new credit card - **start event**
- the user has to fill in a form with their personal data - **user task**
- the bank system must check the users credit score, this is done automatically using a send event that sends a credit score check request to the credit score adapter and a receive event that waits for the reply from the adapter - **automatic task**
- the process is split in two branches depending on the credit score - **exclusive gateway**
- on each of those branches are a service task that saves the appropriate credit card type to the proces data - **automatic task**
- the two branches are merged back into one by a **closing gateway**

- the user is shown the details of the credit card and they have to confirm it - ***user task***

- after the user confirmation, the process is split again into two branches, this time they take place in parallel - ***parallel gateway***. An action to register the request in the banks systems (bank system adapter / integration) and a confirmation email (notification plugin) to be sent to the user

- another automatic task follows, a call to an external API to compute the distance between the users address and the bank locations (https://developers.google.com/maps/documentation/distance-matrix/overview) - ***automatic task***

- a new task is used to sort the location distances and pick the top three to be displayed to the user - ***automatic task***

- the user has to pick the card pickup point from the bank location suggestions - ***user task***

- a receive task will wait to the confirmation from the bank that the user has picked up the new card and the process flow ends - ***end event***

Sample process diagram

This is what the

The fallback content to display on prerendering diagram looks like:

> 💡 **TIP**
>
> Download sample here.

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