|  |
| --- |
| Spec template |

|  |  |  |  |
| --- | --- | --- | --- |
| Revision Summary | | | |
| Author | Date | Version | Comments |
|  |  |  |  |

|  |  |
| --- | --- |
| Related document links |  |
| Walking Deck | <Link> |
| Dev Spec | <Link> |

One Pager starts here

# Feature Narrative / Business Case

Software engineers and students often end up scrolling and filtering a lot when they look for answers on trusted websites for technical questions like Stack Overflow and Answers.Microsoft.com. To improve productivity and save time of developers, we propose a chat-bot that will fetch the top 3 best matched solution for the question asked using a multiclass classification model. The effectiveness and speed of this product will draw a lot of IT professionals and students, boosting Stack Overflow and Microsoft's general popularity and financial success.

# User stories / use case(s)

Define a short user story / use case(s). **Don’t** include implementation details.

<Text>

# Exit Criteria

**What** are the **exit criteria** denoting **success** of this feature?

Opens

Gives an answer.

acceptance test for each user story

<Text>

When we successfully accomplish the P0 tasks

# Out Of Scope

What things should be considered **beyond the scope** of this feature? These are things we’ve previously considered but decided not to do, or things people might expect we’re doing but aren’t or things you specifically want to avoid should Example: Personas you are not designing for.

<Text>

# What are your high level business metrics

What business result does this feature target at a high level?

Survey among the users

1. Customer Acquisition
2. Monthly web (Stack Overflow) Traffic
3. Employee and customer Satisfaction
4. Accuracy and relevance of answers.

< **one pager spec** document **ends** here – once finished send for review>

Detailed Feature Spec starts here

This is the section to get deeper into the nuts and bolts of your feature. This should contain all the details SWEs will need to build the feature to successfully meet the goals.

# Design in depth

What is the detailed design of your feature? How does it all fit together? What is the User experience? Go into the detail of what engineers need to do.

Write this section as the feature requires but some things to think about

Be **illustrative**

* Use pictures to illustrate UI (make sure they are up-to-date and don’t conflict with written descriptions)
* Use diagrams to describe the flow of interaction
* Use lists to cover options
* Use tables to cover behavior in all cases

Be **organized**

* Use heading styles to break your Design section into logical subsections
* Subsections should progress in a logical order, such as the flow of interaction
* To keep the design section pure, track explanation or discussion around major decisions in the Q&A section.

**User interface** designs should include:

* A labeled picture of the interface(s) which references a string table
* String tables for any UI strings and any actions clicking on strings / hyperlinks invoke.

<Text>

Sample String table

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Type** | **String** | **Click action** |
| **1** | String | Text of string | What happens when clicked? |
| **2** | String | Text of string | What happens when clicked? |
| **3** | String | Text of string | What happens when clicked? |

# Business metrics

Business metrics

For the items **listed** as **success criteria** **above**, what is the **expected impact**? **How will you measure** the number and correlate it to your feature?

List out your action metrics in this section. What is the KPI you are looking to target with this feature.

|  |  |  |
| --- | --- | --- |
| Metric description | Current | Target |
|  |  |  |
|  |  |  |

## Reporting requirements

Consider your **data reporting** requirements. Example: What will the Power BI dashboard look like on day one when you ship.

# Open questions

Specs are living documents. Try any open questions or assumptions you here.

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Open Question | Owner | Status |
|  |  |  |  |
|  |  |  |  |

# Dependencies / Partners

At a high level, what **dependencies** from other teams are required?

|  |  |  |
| --- | --- | --- |
| No. | Requirement / Deliverable | Team / Contact |
|  |  |  |
|  |  |  |

# Don’t forget to think about

As part of the design of every feature, PMs should consider

* Compliance
* Security
* Privacy
* World-readiness
* Scale / Performance / Health in production
* UX Responsiveness
* Accessibility
* Supportability
* Compatibility

These are part of the larger checklist that you should work with your SWE and EM colleagues on.

<Spec ready for review? – send to for review>