

|  |
| --- |
| Homework task1 |
| SAS |

| Related Artifacts | |
| --- | --- |
| Ref. | Name |
|  |  |
|  |  |

|  |  |
| --- | --- |
| Abbreviations and Acronyms | |
|  |  |
|  |  |

Contents

[1 business drivers, goals and objectives 4](#_Toc20499988)

[1.1 list of business drivers, goals and objectives 4](#_Toc20499989)

[2 Stakeholders 5](#_Toc20499990)

[2.1 list of Stakeholders 5](#_Toc20499991)

[2.2 Power/interest matrix 9](#_Toc20499992)

[2.3 RACI matrix 9](#_Toc20499993)

[3 Functional decomposition 9](#_Toc20499994)

# business drivers, goals and objectives

## list of business drivers, goals and objectives





# Stakeholders

## list of Stakeholders

| **Name** | **Role** | **Group** | **Concerns** | **Views** |
| --- | --- | --- | --- | --- |
| Sydney Fenkell | Project Sponsor | Project leadership | * Business drivers/goals/objectives; * Steady flow of income; * Possible capital growth; * Continuation of business; | * Business canvas * Project KPIs:   + ROI   + Project Cost Overrun   + Project Cost Variance   + Cost Performance Index   + Project Margin |
| Michelle Pack | Delivery manager | * System scope and responsibilities * Project timeline; * Budget constrains; * Quality of the system; | * Project roadmap; * WBS; * Context diagram; * Functional diagram; * Project KPIs:   + Number of Milestones Achieved   + Schedule Performance Index   + Project Cost Variance   + Number of High Priority Unresolved Issues   + Number of Issues Reported by Customer |
| Mitchel Paul | Enterprise Architect | * Business drivers/goals/objectives; * Identity and responsibilities of external interfaces; * Overall completeness, consistency, and coherence; * Identity of external entities and services and data used * Enterprise-owned information | * Business canvas; * Capabilities map; * Context diagram * Information ownership models |
| Oleg Sokolik | Project Manager | Project Team Management | * System scope and responsibilities * Project timeline; * Budget constrains; * Quality of the system; * Functional capabilities; | * Functional structure model * Context diagram * Project roadmap; * WBS; * KPIs |
| Robert Corace | Dev Lead | * System scope and responsibilities * Project timeline; * Module organization; * Standardization of design; * Codeline organization * Standardization of testing; | * Project roadmap; * WBS; * Context diagram; * Functional structure model; * Information structure models; * Module structure models * Common design models * Codeline models |
| Jason  Harman | QA Lead | * Project timeline * System scope and responsibilities * Standardization of testing; | * Project roadmap; * WBS; * Context diagram; * Functional structure model; * Test-cases registry; |
| Maksim Zabalotski | Business Analyst | * Business drivers/goals/objectives; * System scope and responsibilities; * Business flows; | * Project roadmap; * WBS; * Product backlog; * Context diagram; * Functional structure diagram; |
| Regina Viadro | Solution Architect | * Business drivers/goals/objectives; * Functional capabilities; * Internal/external structures design * Overall completeness, consistency, and coherence; * Information consistency * Support | * Non-functional requirements; * Project roadmap; * WBS; * Context diagram; * Functional structure model; * Information structure models; * Module structure models * Common design models * Codeline models |
| Pritesh Dhameliya | Developer | Project team | * System scope and responsibilities * Project timeline; * Module organization; * Standardization of design; * Codeline organization | * Project roadmap; * Context diagram; * Functional structure model; * Information structure models; * Module structure models * Common design models * Codeline models |
| Kevin Apperson | QA Engineer | * System scope and responsibilities * Project timeline; * Standardization of testing; | * Project roadmap; * Context diagram; * Functional structure model; * Test-cases registry; |
| Steve Samuelson | DevOPS Engineer | * System scope and responsibilities * Project timeline; * Support | * Project roadmap; * Context diagram; * Support models; |
| Donna Rufo | Product Manager | Customer | * Business drivers/goals/objectives; * Quality of the system; * Functional capabilities; * Customer service | * Business canvas; * Functional structure model; * Technical Documentation; * KPIs:   + Number of Issues Reported by Customer |
| Internal users | Analytic | * Business drivers/goals/objectives; * Quality of the system; * Functional capabilities;   Customer service | * Technical Documentation; * KPIs:   + Number of Issues Reported by Customer |
| Warehouse Keeper |
| Seller |
| Driver |
| Peoples | user | End users | * Quality of the system; * Performance; * User experience; * Product availability; * Customer service | * Documentation |

## Power/interest matrix



## RACI matrix

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Project Leadership** | | | **Project Team Management** | | | | | **Project Team** | | | **Customer** | |
|  | **Project Sponsor** | **Delivery Manager** | **Enterprise Architect** | **Project Manager** | **Dev Lead** | **QA Lead** | **Business Analyst** | **Solution Architect** | **Developer** | **QA Engineer** | **DevOPS Engineer** | **Product Manager** | **Internal CustomerUsers** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Initiate Phase Activities** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - Submit Project Request | **A** | **C** | **C** | **R** |  |  |  | **C** |  |  |  |  |  |
| - Research Solution | **C** | **C** | **C** | **A** |  |  | **C** | **R** |  |  |  | **C** | **I** |
| - Develop Business Case | **C** | **C** | **C** | **A** |  |  | **R** | **C** |  |  |  | **C** | **C** |
| **Plan Phase Activities** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - Create Project Charter | **C** | **A** | **C** | **R** |  |  | **C** | **C** |  |  |  | **C** |  |
| - Create Schedule | **I** | **C** | **C** | **A** |  |  | **C** | **R** | **C** | **C** | **C** | **C** |  |
| - Create Additional Plans as required | **I** | **A** | **C** | **R** |  |  | **I** | **C** | **R** | **R** | **R** | **C** |  |
| **Execute Phase Activities** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - Build Deliverables | **C/I** | **C/I** | **C/I** |  | **R** | **R** |  | **A/R** | **R** | **R** | **R** | **I** |  |
| - Create Status Report | **I** | **I** | **I** | **A** |  |  |  | **R** |  |  |  | **I** |  |
| **Control Phase Activities** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - UAT | **I** | **I** | **I** | **I** |  | **C** | **C** | **I** | **I** | **C** |  | **A** | **R** |
| - Perform Change Management | **C** | **C** | **C** | **A** |  |  |  | **R** | **R** | **R** | **R** | **I** |  |
| **Close Phase Activities** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - Create Lessons Learned | **C** | **I** | **I** | **A/R** | **C** | **C** | **C** | **C** | **C** | **C** | **C** | **I** |  |
| - Create Project Closure Report | **I** | **I** | **I** | **A/R** | **I** | **I** | **I** | **I** | **I** | **I** | **I** | **I** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

# Functional decomposition

|  |  |  |  |
| --- | --- | --- | --- |
| **Application** | **Module layer** | **Functional layer** | **Comments** |
| User Mobile Application | Authorization | User can login in application using password |  |
| Order | User can select coffee type |  |
| User can select coffee sort |  |
| User can order the coffee |  |
| Ability to send order | If http is unavailable ability to send using sms |
| Notifications | After the coffer order user can see notification that sort of coffee is going to finish and suggestion choose another coffee or continue |  |
| Payment | After the order user can pay using the default apple pay or google wallet or can use credit card |  |
| Ability to add credit card |  |
| Time | After the coffee order user see the countdown time when coffee will be ready |  |
| History | History contains all the orders for one year |  |
| Each order contains the button repeat |  |
| Each order contains the button repeat |  |
| Trade point desktop application | Authorization | User can login in application using password | With sync by http or gps |
| Orders | The order chain is shown in order at the time of order |  |
| The opportunity to start working on the order |  |
| The opportunity to stop working on the order |  |
| History | History contains all the orders for one year for each client |  |
| Store | The product list with opportunity to point fined or finishing |  |
| Integration with gateway for send sms to user |  |  |
| Integration with cassia |  |  |
| Warehouse window | Authorization | User can login in application using password |  |
| Store information | The list of points |  |
| The list of the finished products in each point |  |
| Analytic window | Authorization | User can login in application using password |  |
| Order history in trade point | History contains all the orders for one year for each client |  |
| Order contain the time execution |  |
| Order to warehouse | The list of points |  |
| The list of the finished products in each point |  |
| Trade point store | The list of points |  |
| The list of the finished products in each point |  |
| Routes | The list of points that needs replenishment of products |  |
| Opportunity to create best rout |  |
| Manager window | Authorization | User can login in application using password |  |
| Order history in trade point | History contains all the orders for one year for each client |  |
| Order contain the time execution |  |
| Order to warehouse | The list of point |  |
| The list of the finished products in each point |  |
| Trade point store | The list of points |  |
| finished products in each point |  |
| Bills statistic | User Order lists with income |  |
| Warehouse order list with expense |  |
| Admin window | Manager window | View and manage all functional | All access |
| Analytic window | View and manage all functional | All access |
| Warehouse window | View and manage all functional | All access |
| Security | Users manage window | All access |